

INDEX, VOL. 37



JULY — DECEMBER, 1954

PUBLISHED BY TIME INCORPORATED

540 North Michigan Avenue, Chicago 11, Ill.

TIME & LIFE BUILDING, ROCKEFELLER CENTER, NEW YORK 20, N. Y.

BREY T
Historic
shell
BDIH,
Iranian
Army
BERM
Photog
reflec
ACCIDENT
See also
Atmos
Avia
Autom
diseas
Maus
hazards
Melvin
awards
Two
dead
BRONZE
Gaffi
stri
ACTIVIST
Story
DAMS
Phot
jet
DAMSON
Priv
to
H
DENA
Posse
at
Colu
bic
DOVER
Early
so
Sport
pic
cou
Illino
sal
ERICU
Escan
coll
Anh
tili
Tent
for
Wors
22
Figen
dat
6 10

100%
gra
Ag
New
Texas
as
27
Dairy
of
URBAN
URCRA
URPLA
ASKA
Urania
Eskim
trav
ALBANY
Man
ball
UBERON
Sings
after
sci
ALCOHOL
ALDERS
Estati
ALGERIA
Earth
ILL. MUS
Pakis
com
cris
ALLEN
Build
tific
ALLENT
Read
char
ALLPOW
Anal
No

LIFE INDEX

JULY—DECEMBER, 1954

Abbreviations:
 cov.—cover picture or cover story
 c.p.—color picture
 c.r.—color reproduction
 d.—drawing
 (L)—letter in Letters to Editors
 column
 r.—reproduction
 *—mention, but no picture
 Dates are indicated thus:
 5 JI 16 (July 5, p. 16)

A

BREY THEATRE
 Historic site of Sean O'Casey's plays, scarred shell in Dublin street 26 JI 76

BUOH, ALI
 Iranian beats six-man team at volleyball, U. S. Army private 25 O 39

BERCROMIE, THOMAS
 Photographs distorted views of wife's face reflected in kitchen utensils 11 O 14

ACCIDENTS
 See also Automobile racing; Automobiles; Aviation
 At Rockingham Park, N. H., horse falls, jockey dies 19 JI 20

Maurice Connolly in hospital after fall from horse, unable to defend tennis title 2 Ag 30
 Melvin Belli personal injury lawyer, wins big awards for clients 18 O 71
 Two men ride toppling radio relay tower to death 13 D 28

ROBOTS
 Gaffney and Weaver wear own "Hoppers" pogo sticks on stilts 9 Ag 2

ACTIVITY WALL
 Store space in converted carport, c.p. 4 O 54

DAMAS, ANSEL
 Photographs three Mormon towns in Utah 6—91

DAMAS, WILLIAM
 Jet fighter mission 6 D 142

DAMAS FAMILY
 Private papers on 250 years American history to be published by Harvard and Life, Mass. Historical Society sponsors project 25 O 39

DENAER, KONRAD
 Poses with growing number Western diplomats at arts conferences 1 N 22
 Columbia University awards honorary degree at bicentennial 15 N 49

OVER-SING
 Early ads for Procter and Gamble's Ivory soap 75th anniversary, d. 19 JI 64
 Sporting Girls album of 1880 pin-up girls on picture cards exchanged for Duke cigarette coupons, c.p. 26 JI 2

Illinoian home builder kids claims real estate salesmen, acts out slogans 23 Ag 6

GRICUTTE
 Escape MVD colonel describes crisis Russia's collective farm program 5 JI 76

Anhydrous ammonia miraculous nitrogen fertilizer multiplying crop yields, d. 12 JI 94
 Tent-dried grain in Texas, low-cost solution for storing annual crop surplus 23 Ag 20
 Worselocust invasion in Morocco in 31 years 22 N 46

French government's antialcohol decrees, production hard cider and calvados in Normandy 6 JI 67

Farms and Farming
 100° heat aggravates severest Midwest drought, grasshoppers chew withered cornstalks 2 Ag 2

New TV series from Illinois farm 2 Ag 38
 Texas panhandle landowners watch anxiously as test oil well brings salt water before oil 27 S 45

Dairy farmer teaches cats to beg for stream of milk from cow's udder 25 O 161

UR BASES See under Aviation

HRCRAFT CARRIERS See under Ships

ORPLANES See Aviation

ALASKA
 Uranium strike at Shirley Lake 15 N 38
 Eskimo couple visit San Francisco to stimulate travel 6 D 155

ILIANA, NY.
 Man soars over city in contraption of 60 balloons 20 S 32

ALBERGHETTI, ANNA MARIA
 Sings at family concert in Red Rocks, Denver after Senate grants Italian family of musicians residence in U. S., cov. 30 Ag 65

ALCOHOLISM See Diseases

ULDERSHOT See Great Britain—Armed services, Establishments

ALGERIA
 Earthquake kills 1,000 in Orleansville 20 S 41

ILI, MOHAMMED
 Pakistan's premier on all-American tour, becomes member Blackfoot Indians, political crisis at home ends trip, c.p. 8 N 52

ILL, BILL
 Builds homemade robot to teach pupils scientific theories 13 D 74

LLENTOWN, PA.
 Heads of first TV station climb tower for champagne christening 2 Ag 22

ALPERT, GORDON
 Analysis racial and other discrimination in *The Nature of Prejudice* 25 O 28

AL-MALIK SAUD AL-AWAL (SHIP)
 Germany builds world's largest tanker for Saudi-Arabia 23 Ag 66

ALUMINUM
 Manhattan office building gets aluminum facade in day 5 JI 16
 Aluminum Co. of Canada nears completion of world's largest smelter and private electric power project at Kitimat, B. C., c.p., map 23 Ag 48

AMERICAN AIRLINES
 Pilots' strike, stewardesses get jobs at Neiman Marcus in Dallas 30 Ag 14

AMERICAN AUTOMOBILE ASSN.

New York City gets second award for pedestrian safety record * 1 N 30

AMERICAN DISTILLING CO. INC.

Bourbon warehouse explodes and burns 16 Ag 30

AMERICAN HEREFORD ASSN.

Huge plastic and steel bull becomes monument atop pylon in Kansas City 25 O 34

AMERICAN PHILOSOPHICAL SOCIETY

Society founded by Ben Franklin meets in Philadelphia, members exchange "useful knowledge," grants to scholars 13 D 93

AMERICAN PHYSICAL SOCIETY

Meeting in Seattle * 19 JI 31

AMERICA'S CUP

Famous races, yachts of 100-year-old New York Club, c.p. 30 Ag 54

AMINO, LEO

Japanese sculptor uses wood pieces inside translucent plastic shapes, c.p. 22 N 162

AMMONIA

Photo essay on anhydrous ammonia nitrogen fertilizer multiplying crop yields, d. 12 JI 94

AMOEBAE

.000000014-oz. animal weighed, growth measured in study of how size affects cell division 25 O 109

ANDES MOUNTAINS

Bolivia opens 312-mile highway over peaks 8 N 63

ANDREW, JULIE

In British musical, *The Boy Friend* on Broadway 25 O 117

ANGELI, PIER

Acts out flight of fancy to country woods and stream, cov. 12 JI 68

ANHYDROUS AMMONIA See Ammonia

ANIMALS

See also individual names

Mexicans stage spectacle pitting bull against lion in caged fight 12 JI 45

Giant pangolin from Africa at Texas zoo 9 Ag 43

Inhabitants rain forest in Surinam (Dutch Guiana), c.p., c.r., cov. 20 S 84

Oregon rancher's metal sculptures 11 O 123

Amoeba gets weighed, growth measured in study of how size affects cell division 25 O 109

In Mettler's Woods in New Jersey, c.r., c.p., cov. 8 N 83

Hormel Institute develops "Mini-Pigs" for use in medical research 29 N 83

ANAPOLIS

Arms-Navy football game, wins 27-20 6 D 40

ANTHROPOLOGY

Discovery in Texas 20,000-year-old skull ice age Midland Man earliest human found on American continents 12 JI 35

ANTIPROTONS

American Physical Society shown evidence atomic particle from outer space created greatest burst energy, theory collision with proton 19 JI 31

ANTIQUES

Fake antiques, Italian expert ages furniture overnight 25 O 91

ANTS

New X-ray microscope reveals structure 13 S 157

Swedish photographer records life in ant colony 6 D 169

APPLIANCES

Competition department stores and price-cutting discount houses, d. 9 Ag 52

General Electric's array colored appliances in kitchen, c.p. 13 D 114

ARBENZ, JACOB

Guatemala's deposed pro-Red president gets safe conduct pass to Mexico, searched by customs 20 S 33

ARCADIA, CALIF.

Picnics mark typical U. S. summer Sunday in public park 6 S 108

ARCHAEOLOGY

Discovery in Texas 20,000-year-old skull ice age Midland Man earliest human found on American continents 12 JI 35

Egyptologist finds beautiful alabaster sarcophagus of unfinished pyramid at Sakkara empty, c.p. 2 Ag 34

Rare Greek vase reassembled, urn in Celtic tomb in France, c.p. 13 S 86

Londoners line up to see excavated ruin Roman temple 11 O 53

ARCHITECTURE

Building boom in Venezuela, c.p. 13 S 122

Manufacturers Trust Co.'s new glass-walled bank, c.p. 25 O 62

Winston-Salem, N. C. starts drive to restore Moravian town Old Salem 25 O 166

New design Scarsdale's sprawling Heathcote grade school foreheads future schools, d. 15 N 73

Art indoors and out gives California home on 100-foot plot privacy and view, c.p. 15 N 120

ARTICLES

American Physical Society shown evidence atomic particle from outer space created greatest burst energy, antiproton collision with proton 19 JI 31

ATOMIC ENERGY ACT

Democrats' Senate filibuster over Administration-sponsored bill revising Atomic Energy Act to allow private enterprise to participate, * Ag 16

AEC's Materials Testing Reactor in Idaho hottest atomic pile, radiation from uranium core weakens steel, produces new properties in polyethylene plastic, preserves food, c.p. 13 S 70

Via Denver TV Eisenhower starts groundbreaking first commercial atomic power plant for electricity in Shippingport, Pa., d. 20 S 141

Lead-lined locomotive moves men and equipment through radioactive areas at AEC Reactor Testing Station in Idaho 29 N 111

ATOMIC ENERGY

Democrats' Senate filibuster over Administra-

tion-sponsored bill revising act to allow private enterprise to participate 2 Ag 16

ATOMS

American Physical Society shown evidence atomic particle from outer space created greatest burst energy, antiproton collision with proton 19 JI 31

ARCINIEGAS, GERMAN

Article defends Vespucci who found American mainland before Columbus * 11 O 101

ARCTIC

Duke of Edinburgh tours Canadian tundra, cov. 23 Ag 22

Expedition rounding up almost extinct musk oxen to breed in U. S., 27 S 127

Charting channels Northwest Passage; fishing boat pin points position North Magnetic Pole, c.p., maps 29 N 102

U. S. Air Force flies Christmas "gift lift" to 185 remote stations 27 D 26

ARKADIEV, MARK

Russian commentator's propaganda description miserable conditions in U.S. * 30 Ag 18

ARNAUT & JANICK

Snake act in *Arabian Nights* at Jones Beach 2 Ag 77

ARNOLD, JOHN

U. S. airman Red China imprisoned as "spy," family's bleak Thanksgiving 6 D 36

ART

See also Cartoons; Drawings; Paintings; Sculpture

Varied art indoors and out gives modern California home on 100-foot plot privacy and view, c.p. 15 N 120

Artists

Lucille Corcos portrays family activities at winter and summer beach house, r. c.r. 12 JI 90

Reginald Marsh dies before completion *Life* assignment TV musical rehearsal, sketches 26 JI 47

Ben Shahn painter social injustice turns to reflective mood, c.p. 4 O 96

French expatriate artist form New York Left Bank colony 25 O 123

Vuillard regains lost fame, sketch, c.r. 1 N 74

Picasso's series portraits of blonde girl with ponytail hairdo 8 N 119

Painters and sculptors use industrial products to create new effects, c.p. 22 N 160

Isabel Casas Borgatta concentrates on "motherhood" statues during three pregnancies 6 D 101

Matisse dies at 84, career, last work 13 D 42

Breughel's Christmas paintings, Nativity in Flanders * 27 D 30

Religious

Breughel's Christmas paintings, Nativity in Flanders, c.r., cov. 27 D 30

Treasures

Lehman family collection at Metropolitan museum, in homes, c.p., c.r. 9 Ag 63

Rare Greek vase reassembled, found in Celtic tomb in France, c.p. 13 S 86

ASA

Churchill and Eden in U. S. to discuss "misunderstandings" over Southeast Asia 5 JI 18

Seven nations join U. S. in signing Manila Pact defense treaty for Southeast Asia 20 S 34

Editorial

"A Treaty's Meaning for Asia"; Manila Pact * 20 S 36

London papers raw over photos Commissioner General with bare-breasted women, Dayaks in Borneo 29 N 24

YWCA foreign division chairman Elisabeth Moore and sister tour branches in nine countries 20 D 91

ASSOCIATED COMMONWEALTH SOCIETIES

OF N. Y.

England's Queen Mother Elizabeth hit of ball, c.p. 22 N 74

ASTRONOMY

Moon's shadow aids science, astronomers use solar eclipse to study sun's heat, earth's size, c.p., 26 JI 40

Starry Universe, solar system, space theories, galaxies, stars and planets, c.p., c.r., charts, diag., cov. 20 D 44

ATOMIC BOMBS

Seventh Day Adventists in Maryland practice three day survival test in woods 22 N 176

Hydrogen bomb

Physicist Edward Teller's role in U. S. decision to develop "super" bomb despite opposition by other high-level scientists, article by Robert Coughlan 6 S 60

World Council of Churches meeting fosters Christianity as power to halt Communism and H-bomb * 13 S 48

ATOMIC ENERGY

Democrats' Senate filibuster over Administration-sponsored bill revising Energy Act to allow private enterprise to participate 2 Ag 16

ATOMS

American Physical Society shown evidence atomic particle from outer space created greatest burst energy, antiproton collision with proton 19 JI 31

ATMOS

American Physical Society shown evidence atomic particle from outer space created greatest burst energy, antiproton collision with proton 19 JI 31

ATMOSPHERE

atomic particle from outer space created greatest burst energy, antiproton collision with proton 19 JI 31

ATMOSPHERIC POLLUTION

Democrat's Senate filibuster over Administra-

tion-sponsored bill revising act to allow private enterprise to participate 2 Ag 16

ATTLEE, CLEMENT

Editorial criticism Labor party's visit to Russia and Red China * 6 S 16

Tours Red China with British Labor delegation 20 S 47

AUCTIONS

Chinese auction at ball to raise funds for National Symphony Orchestra of Washin-

ton, D. C. 13 D 153

AURTHER, ROBERT ALAN

Pools talent with TV playwrights for NBC Television Playhouse 25 O 81

AUSLANDER, JACOB

Ex-Red hunting Congressman I. Parnell Thomas describes encounters at Danbury prison with Communist he helped convict, d. 4 O 138

AUTOMOBILE RACING

British racing car rolls over, misses crowd, flips driver free and unhurt 2 Ag 23

AUTOMOBILES

First great tour 50 years ago from New York to St. Louis, article by Robert Wallace, d.

Jet Age Man, Strategic Air Command B 47
mission experiments, life-saving and time-saving devices, cov. 6 D 13 141
Transports
U. S. Boeing 707 jet now in air for flight tests, c.p. 9 Ag 38
Airports
KLM plane crashes into River Shannon estuary, survivors in mud and life rafts 20 S 32
Italian airliner crashes at New York's International Airport 27 D 12
Equipment
Electronic device protects planes in combat by suppressing explosions from bullets in fuel tanks 6 S 39
Jet Age Man, Air Force-Navy life-saving and time-saving devices, cov. 6 D 148
Parachute jumping
Nurses and male teams in U.S.-Canadian Air Force test rescue sportsmen 25 Ag 55
Experimental parachute capsule for jet pilots 6 D 152
Pilots
Aviatrix Jacqueline Cochran describes childhood and early life 16 Ag 92
Bill Mauldin describes and illustrates vacation tour with wife in Piper Tri-Pacer 23 Ag 92
Editorial "Jet Age II: Outlook For the Airman" * 6 D 48
Jet Age Man, Strategic Air Command B 47 mission life-saving and time saving devices, cov. 6 D 141
Stewardesses
American Airlines pilots' strike, stewardesses get jobs at Neiman Marcus 81 Dallas 30 Ag 14
AWARDS
Hemingway receives Nobel Prize for Literature 8 N 25
Schwartz wins Nobel Peace Prize * 15 N 161
James Tissot wins Neiman Marcus Design Award and City American Fashion Critics' "Woman of the Year" 22 N 147
AW BOON HWA
Famous Tiger Balm king in Hong Kong 11

B

B-17 See Aviation—Aircraft—Jet propelled
BABIES See Infants
BABY CARRIAGES
Fox trained to push goose in buggy, leer on his face 26 S 176
BACALL, LAUREN
At party for Marilyn Monroe 29 N 163
BACHELOR, NORM
Ski instructional practices with roller skates under skis on hillside highway 6 D 95
BADERTSCHEER, ARCH
Teacher cuts to key for stream of milk from one'sudder 25 O 161
BAILEY, PEARI
In career Jones 1 N 88
BALDNESS
Lance Miller's improved toupees (Tashays), article by Robert Wallace 6 D 75
BALENCIAKA
Paris fall fashion showings * 6 S 11
BALLET See under Dancing
BALLOONS
Barber students practice shaving on 16 Ag 10
Man stars over Albany, N. Y., in contraption 60 balloons 20 S 32
Striking rattlesnake takes own picture by automatic device attached to balloon 4 O 16
BALMAIN, PIERRE
Paris fall fashion collection, bridal gown model 6 S 10
BALTIMORE, MD.
Students demonstrate against Negroes in white schools under nonsegregation ruling 11 O 45
BANDS
Michigan band depicts torch-bearing runners in final drive 1956 Olympics 25 O 47
BANKHEAD, TALLELUH
To play *Dear Charles* 4 O 105
BANKS
Manufacturers Trust Co.'s glass-walled bank in New York, c.p. 25 O 62
Ohio police quickly trace robbers after holding Savings and Loan Ass't. 1 N 24
BANNISTER, ROGER
British Empire Games, beats Landy in greatest mile race, 3:58.8 to Landy's 3:59.6 16 Ag 17
BANQUETS
International banquet in Washington's Pan American Union Building, c.p. 27 S 103
BARBERS
American Barber College students practice shaving on painted balloons 16 Ag 10
BARGES
\$2.5 million drilling barge *Mr. Charlie* sinks to bottom Gulf of Mexico, anchorage for drilling oil wells 13 S 63
BARKLEY, ALBEN
Climax Senate campaign, c.p. 18 O 26
Election victory 15 N 32
BARNETT, LINCOLN
Article "The World We Live In"
Part XI: "The Rain Forest" * 20 S 76
Part XII: "The Woods of Home" * 8 N 78
Conclusion "The Starry Universe" * 20 D 44
BARRINGER, D. MOREAU
Ancient Japanese *netsuke* figurines carved from bizarre doodles * 12 Jl 2
BASEBALL
New York Giants increase League lead with winning streak against Dodgers, spectacular Willie Mays 12 Jl 18
Branch Rickey explains new mathematical formula for determining what wins games, d. 2 Ag 76
Gil Stratton on TV's *That's My Boy* umpire and sportscaster in private life 23 Ag 45
12-year-old catcher blows gum bubble during Little League championship 6 S 17
Frisky personality Willie Mays of Giants, account by Scout Forbes and teammate Monte Irvin 13 S 133

Tigers vs. Athletics, free-for-all follows Athletics pitcher's beanballs; pennant fight, Yankees still second after all out push against Indians; Giants score in first game with Dodgers 13 S 175
32-year-old first baseman of Roswell Rockets hits record-breaking 70th, 71st and 72nd home runs of year 20 S 145
Greenberg tells how developed Cleveland Indians into pennant winners 27 S 138
Giants' Maglie beats Dodgers, wins League pennant 4 O 34
Giants beat Indians four straight in World Series 11 O 154

BASKETBALL

Outstanding player Tom Gola at La Salle 20 D 85

BASKET CAR

Three brothers use homemade airlift to school, ride from Idaho canyon to ridge top 1 N 81

BASS

80 children at Houston, Tex., swimming club party dive to catch with hands 16 Ag 108

BASUTOLAND

Retains ancient dignity, spirited children, photos by Haas, c.p. cov. 16 Ag 52

BATCHELOR, CLAUDE

Court-martial life imprisonment for aiding enemy in Korea, 14 fellow prisoners testify 11 O 40

BATHYSCAPHE

Kenneth MacLeish's eyewitness description 1½-mile dive to ocean floor in French Navy's bathyscaphe r. 27 S 88

BATISTA, FULGENCIO

Cuba's president and dictator campaigns for November election 9 Ag 35

BAUMAN, JOE

First baseman Roswell Rockets hits record-breaking 70th, 71st and 72nd home runs of year 20 S 145

BAUMER, WILLIAM

U.S. airman Red China imprisoned as "spy," family's bleak Thanksgiving 6 D 36

BEACHES

Sand sailors Fylde International Sand Yacht Club race wheeled craft at Lytham St. Annes 15 N 83

BEADS

Do-it-yourself kit, c.p. 12 Jl 66

"BEAUTILLION"

Male deb's debut in kneepants, stagline Chicago's North Shore spoofs coming-out parties 13 S 200

BEAUTY CONTESTS

University of New Mexico coeds try to fit into body cutout in "Miss Venus" contest 8 N 103

BEAUTY SALONS

Gouriet Men's Shop 13 D 63

BEDFORD, HOUSE

Descendants' children living in home built by John Jay in 1801 23 Ag 85

BELGIUM

Brussels re-enacts medieval Ommegang "walk-around" pageant with stilt-walkers as tourist attraction, re-creates court Charles V 2 Ag 42 Breughel's Christmas paintings, Nativity in Flanders, c.r., cov. 27 D 30

BELL, MARILYN

16-year-old Canada's heroine, gifts after swimming Lake Ontario 27 S 63

BELL, MELVIN M.

Courtroom technique wins big awards for clients, revolutionized personal injury law, sketch 18 O 71

BENDER, GEORGE

Climax campaign for senate 18 O 32

BENJAMIN, HARRY

U.S. airman Red China imprisoned as "spy," family's bleak Thanksgiving 6 D 36

BENSON, EZRA

Secretary of Agriculture squirts milk straight from cow into mouth 5 Jl 15

BERIA, LAVRENTI

Former MVD Lt. Col. Rastvorov tells how plot to seize power in Russia thwarted, purge, d. 29 N 18

BERTHA R.

Rescue raft from sunken tug in Gulf of Mexico * 20 D 24

BEVAN, ANEURIN

Tours Red China with British Labor delegation 20 S 47

Old barker Donnelly points accusing finger on German rearmament issue 11 O 37

BICYCLES

White Plains, N.Y. safety program includes test riding for license 5 Jl 2

BINDE, EDITH MARIA

German girl achieves University of Illinois degree in year 6 S 44

BINETTE, DICK

102-foot jump ties for world record at water ski championships 30 Ag 44

BIOLOGY

X-ray microscope reveals inner structure tiny insects, plants 13 S 157

Amoeba weighed, .00000014-oz. animal's growth measured in study of how size affects cell division 25 O 109

BIRDS

Male robin trying to save female hanged by string caught in power lines 2 Ag 94

Species in equatorial rain forest, c.r., cov. 20 S 84

Long-necked rheas stick heads through zoo door's latch hole 1 N 132

In Mettler's woods in New Jersey, c.r. 8 N 84

Bumper year for hunting, geese, pheasant and duck, hunting clubs 22 N 33

Pigeon's outline etched on jet plane's wing tank after mid-air collision 29 N 23

Lovebird tears strips of office paper to put under tail feathers when let out of cage 6

Two owls pull on worm 6 D 216

BLACKFOOT INDIANS See Indians**BLACKMAIL**

Former Soviet Agent Rastvorov tells how Russians used to enlist agents against U.S. in Japan 6 D 182

BLOOD

Hole in baby's heart mended, operation joins mother's bloodstream to child, d. 1 N 43

BOARDING HOUSES

Charmwood "guest home" in Denver 4 O 154

BOATS

Crew Chesapeake Bay "log canoe" sailboat sits on boards extended over side to counterbalance sails 9 Ag 51

New York Yacht Club 100 years old, today's small craft, c.r., c.p., d. 30 Ag 54

German tugboat *Fairplay* rammed in Cuxhaven 20 S 32

Revolutionary hydrofoil boats fly atop water with finlike structures just under surface, U.S., German, Canadian models, cov. 27 S 56

Maine fishing boat *Monte Carlo* charts channels Northwest Passage, pin points North Magnetic Pole, c.p. 29 N 102

Catholics in northern Indochina flee by sea from Communists 6 D 46

Rescue raft from sunken tug *Bertha R.*, in Gulf of Mexico * 20 D 24

BOEING 707 See Aviation—Aircraft—Jet propelled

BOGART, HUMPHREY

In film *Sabrina* 4 O 60

BOLIVIA

Opens 312-mile highway over Andes 8 N 63

BONES

Discovery in Texas 20,000-year-old skull ice age Midland Man earliest human found on American continents 12 Jl 35

Ekalaka, Mont. hunts fossil bones 8 N 131

BONESTELL, CHESLEY

Illustrations depict "The Starry Universe" * 20 D 44

BOOKS

Death of Colette, career, r. 16 Ag 77

Hemingway receives Nobel Prize for Literature, photo biography 8 N 25

Always in Vogue; tribute to *Vogue's* Editor Edna Chase on publication book * 8 N 123

Bay Psalm Book; how Bostonians swindled copies rare book century ago, \$151,000 auction price for one, article by Robert Wallace 22 N 95

Fable: Faulkner wrote outline for plot new novel on work room wall 9 Ag 77

From *Here to Eternity*: 25th Division returns to scene Jones novel Hawaii's Schofield Barracks after 12-year absence 18 O 155

Metamorphosis: Paris Opera ballerina giant cockroach for dance based on Kafka novel 30 Ag 77

Nature of Prejudice: editorial "The 'Whys' of Hate"; Allport analyzes * 25 O 28

Spiritual Exercises: by St. Ignatius, r. 11 O 46

Statues: Molnar's cartoons suggest humorous uses for statues, r. 30 Ag 2

Study of History: editorial "Toynbee and the Future"; views in final volume * 8 N 36; closing section acknowledges people and events which shaped Toynbee's mind, article by Henry Grunwald 29 N 87

Swallow Family Robinson; condensation by Johann Wyss with original illustrations by son, c.r. 27 D 50; Descendant tells origin 27 D 63

BORGATTA, ISABEL CASE

Sculptor concentrates on "motherhood" statues during three pregnancies 6 D 101

BORNEO

London newspapers row over photos Commissioner General with bare-breasted women, other Days 29 N 24

BOSTON, MASS.

Hurricane Carol, steeple topples on Old North Church 13 S 38

BOURKE-WHITE, MARGARET

Photographs New York State Thruway * 19 Jl 75

Photographs Jesuits in U.S. * 11 O 134

BOUSSAC, MARCEL

French businessman, portrait by Karsh 4 O 133

BOWLES, BRYANT

Stirs up prejudice against nonsegregation Negroes in schools in Milford, Del. 11 O 46

BOWLS

English pottery maker puts designs on bowls from oscilloscope sound patterns when tapped 22 N 109

BOXING

"Hurricane" Jackson fails to live up to rapid buildup, Valdes fight, career 26 Jl 89

Marciano defeats Ezzard Charles second time 27 S 32

Swedish boxer looks cross-eyed as gets punch on nose 29 N 164

BOY SCOUTS

Den Mother in Cub Scouts 13 D 121

BRANDO, MARLON

In film *On the Waterfront* 19 Jl 45
In *Desiree* 22 N 197

BRAZIL

Rio rioters defy President Vargas after assassination attempt on editor and death of companion, alderman candidate's car afire 23 Ag 20

Mourners' riots follow Vargas suicide in political crisis 6 S 18

Rio apartment house collapses suddenly 27 S 37

Rio de Janeiro, portrait startling city by Leonard McCombe 1 N 103

BREAN, HERBERT

Article on attempts to stop smoking * 5 Jl 26

Article on competition department stores and discount houses * 9 Ag 52

Article on industrial meteorology * 4 O 83

Article on Louis Wolfsen * 22 N 179

BRENNAN, TERRY

Debut Notre Dame football coach, team wins first game of season 4 O 23

BREUGHEL, PIETER, THE ELDER

Christmas paintings, Nativity in Flanders * 27 D 30

BRIDGES

New York State Thruway 19 Jl 76

Would-be suicide changes mind at sunset on Manhattan Bridge 30 Ag 21

Two caissons for Michigan's Mackinac Straits Bridge built on land, floated and towed to site 15 N 98

BRINKER, NORMAN

Female tennis champion Maureen Connolly 2 Ag 30

BRITISH EMPIRE GAMES

In Vancouver, B.C. 16 Ag 17; 23 Ag 37

BRITISH HONDURAS

U. S. Jesuit missionaries 11 O 143

BROOKES, JACQUELINE

Hotel restaurant hostess in off-Broadway production *The Cretan Woman* 13 S 142

BROOKLYN, N. Y.

Movie-theater operator protests 5% admission tax, chromed penny campaign, Treasury crackdown, counterfeit pennies in roundup 2 Ag 29

Four boys arrested for beatings and two killings 30 Ag 16

BROOKLYN DODGERS See Baseball**BROOKS FAMILY**

Boy finally born to family of 13 girls 8 N 32

BROWN, HOWARD

U.S. airman Red China imprisoned as "spy," family's bleak Thanksgiving 6 D 36

BROWN, MRS. MARGERY

Teacher's drawings poke fun at school scenes 20 S 16

BROWN, WALLACE

U.S. airman Red China imprisoned as "spy," family's bleak Thanksgiving 6 D 36

BRUEGEL, PIETER

See Breughel, Pieter

BRUNNELL, CLARENCE

Blows gum bubble during Little League championship 6 S 17

BRUMMELL, GEORGE BRYAN

Film *Beau Brummell*, r. 18 O 115

CAMP DAVID Eisenhower and Cabinet well-guarded at picnic parley at presidential retreat in Maryland 23 Ag 38

CAMUS, ALBERT French writer, portrait by Karsh 4 O 130

CANADA Helicopter rescues battered helicopter on Sandpit Lake 2 Ag 18

Hooked northern pike leaps from water, spits out spoon hook and gets away 9 Ag 15

Squealing women in Ottawa greet Duke of Edinburgh 9 Ag 16

British Empire Games in Vancouver 16 Ag 17; 23 Ag 37

George Humphrey's role in getting iron ore deposits out of Ungava Peninsula, others involved * 16 Ag 26

Duke of Edinburgh tours Arctic tundra, in Yukon, cov. 23 Ag 22

Aluminum Co. of Canada nears completion world's largest smelter and electric power project in Kitimat, B.C., c.p., map 23 Ag 48

Navy developing hydrofoil boat that flies atop water, cov. 27 S 56

Expedition rounding up almost extinct musk oxen to breed in U.S. 27 S 127

Nurses and medics teams parachute into woods in U.S.-Canadian Air Force test rescue sportsmen 25 O 55

Victory celebration at Queen's University in Kingston, football team finally wins game 1 N 130

Premier Mendes-France visits 29 N 30

Charting Northwest Passage, fishing boat pin points position North Magnetic Pole, c.p., maps 29 N 102

CANCER See Diseases

CANCER GUN Pistol "fires" radioactive gold bullets into tumors 15 N 59

CANYONS Three brothers use airlift to school, ride basket car from Idaho canyon to ridge top 1 N 81

CAPA, CORNELI Photographs Venezuela * 13 S 122

Photographs help for mentally retarded children, Part I * 18 O 119; Part II * 25 O 138

CAPITAL TRANSIT CO. Difficulties when Wolfson and associates took over stock, cartoon 22 N 180

CAPRIOLA See Italy

CARD New York's ticket-fixing racket, "magic cards" in motorists by corrupt cops 22 N 50

CARD, GREETING Wolf family's gag photo on Christmas cards since 1937 20 D 6

CARL-ON, VIRGINIA We're Calif's Governor Knight 16 Ag 41

CARP At London zoo has bruised head dabbed with Vaseline 13 D 160

CARPENTRY Pittsburgh lumber firm teaches do-it-yourselfers 3 Ag 71

12 men repair jobs, d. 6 D 200

CARPS See Schools

CARTONS New patterns geometric symbols and abstract design 1 N 96

CARPORTS City plan to merge into multipurpose area, c. 4 O 52

CARTWHEELS Editorial "Vitriol In the U. S. System"; c. 10 Jackson, Taylor and Grant, r. 5 Ag 14

Robert Osborn depicts attempts to stop smoking 5, JI 26

Friendly portrait of U.S. by visiting British economist Rowland Emett, c.r., cov. 5 JI 42

George Molnar's book suggests humorous uses for statuettes, r. 30 Ag 2

Page drought in Georgia's Okefenokee Swamp puts Pogo and friends in pickle, r. 22 N 134

Cartoon satirizes Mendes-France's antialcohol decree, r. 6 D 70

CASALS, PABLO Spanish violincellist in France, portrait by Karsh 4 O 134

CASE, CLIFFORD U.S. Senate campaign in New Jersey 4 O 32

Election victory 15 N 30

CASHMAN, GARRETT Soars over Albany in contraption 60 balloons 20 S 32

CASKETS Spaniards spared from death march with own caskets in gratitude to God 15 N 103

CASTILLO ARMAS, CARLOS Guatemalan's anti-Red rebel leader reaches peace terms after overthrow Arbenz regime 12 JI 21

Guatemalan's new president survives one-day revolt by army officers 16 Ag 28

CASTLES Hamlet enigma at Elsinore, cryptanalyst explores for manuscript 9 Ag 81

CATHOLIC CHURCH, ROMAN Jesuits in U.S., r. 11 O 134

Protestant community Cherokee, Tenn. sponsors Nigerian Catholic in U.S. for college education 8 N 155

26,000 Indochinese flee by sea from Communists 6 D 46

Picture biography Pope Pius XII, cov. 13 D 129

Indochinese refugees from Communism celebrate Christmas in village Gia Kiem 27 D 14

CATS Drenched kitten during Hurricane Hazel 25 O 29

Learn to beg for stream of milk from cow'sudder 25 O 161

CATTLE Secretary of Agriculture Benson squirts milk from cow into mouth 5 JI 15

Mexicans pit bull against lion in caged fight 12 JI 45

Cow leaps at *ragotterre* during "cow royal" spectacle in France 16 Ag 112

Girl rides saddled cow as horse 30 Ag 38

Plastic and steel bull American Hereford Assn. monument atop pylon in Kansas City 25 O 34

Cats learn to beg for stream of milk from cow'sudder 25 O 161

Photo of dairyman with Holsteins makes him seem to have cattle ears 15 N 200

CAVES French spelunkers descend 2,963 feet near Grenoble, world's record 18 O 43

CELLS Amoeba gets weighed, measured in study of how size affects cell division 25 O 109

CELTIS Rare Grecian vase reassembled, urn in tomb in France * 13 S 86

CEMETERIES Sari Dienes makes shadowy prints from carvings on old tombstones 15 N 133

CENTEREACH, L. I. School shortage, housing project becomes classrooms 20 S 63

CHABOR, MOURA French expatriate artist in New York Left Bank colony 25 O 123

CHANEL, GABRIELLE U.S. fall fashions feature styles made popular by designer in 1930s 16 Ag 84

CHAPELS See Churches

CHARITY Salvation Army observes 75th U.S. Christmas 27 D 4

CHARLES, EZZARD Marciano defeats for second time 27 S 32

CHARLES V, HOLY ROMAN EMPEROR Court recreated Brussels medieval pageant 2 Ag 42

CHARWOOD Happy tenants at Denver boarding house 4 O 154

CHARTS Amateur cryptanalyst interprets cipher on Shakespeare's tombstone for clue to *Hamlet* manuscript at Elsinore 9 Ag 90

Gina Lollobrigida's wardrobe chart 15 N 18

Dow-Jones average traces stock market 1920-54 to new high 6 D 44

Two categories of stars, c.r. 20 D 58

CHATAWAY, CHRIS Breaks 5,000-meter record against Russian ace 25 O 48

CHAUVIRE, YVETTE Ballerina as giant cockroach for dance based on Kafka's *Metamorphosis* 30 Ag 77

CHAYEFSKY, PADDY Pools talent with TV playwrights for NBC *Television Playhouse* 25 O 78

CHEERLEADERS Mia Fonssagrives eighth-grade cheerleader, father photographs 25 O 10

CHELTENHAM LADIES' COLLEGE See Schools

CHEOPS, PHARAOH See Khufu

CHEROKEE, TENN. Protestant community sponsors Nigerian Catholic in U.S. for college education, article by Robert Wallace 8 N 155

CHESAPEAKE BAY Crew "log canoe" sailboat sits on boards extended over side to counterbalance 9 Ag 51

CHESS U. N. leader, other Russians' anxiety during Taimanov's play against U. S. champ 12 JI 39

CHESTERTOWN, MD. Workers flee exploding fireworks factory 26 JI 21

CHEVALIER, MAURICE Bob Hope films TV show abroad 6 D 121

CHEVROLET Entirely new 1955 cars, c.p. 1 N 49

CHICAGO, ILL. At Riverview Park customers whirl upside down in "Flying Cars," c.p. 19 JI 35

Male deb's debut in kneepants, stagline spoofs coming-out party 13 S 200

Sumertime ski-jumping competition at Soldier Field 11 O 95

Opera returns 15 N 53

Ges highest skyscraper, Prudential Building 29 N 26

Salvation Army alcoholic center 27 D 4

CHILDREN See also Infants

Triplets laugh at distorted reflections in Palisades Park trick mirror 26 JI 120

Brooklyn movie-theater operator protests 5% admission tax, chromed penny campaign, Treasury crackdown, counterfeit pennies in roundup 2 Ag 29

Children given free reign in supermarket to learn preferences 2 Ag 49

6-year-old helps father as cowhand, cov. 9 Ag 78

Antics of dancer-bit player's children backstage at Red Skelton TV reversal 16 Ag 48

Boy sets up Washington Square sidewalk stand to draw 15¢ portraits 16 Ag 63

80 children at Houston, Tex. swimming club party dive to catch bass with hands 16 Ag 108

Descendants' children in Bedford House built by John Jay in 1801 23 Ag 85

YMCA Camp allowed to play tricks on counselors on last day 30 Ag 106

12-year-old catcher blows gum bubble during Little League championship 6 S 17

Family picnics on summer Sunday 6 S 108

Philadelphia's new playgrounds 13 S 118

Teacher's drawings poke fun at school scenes, r. 20 S 16

School shortage, housing projects become classrooms 20 S 63

Help for mentally retarded 18 O 119; 25 O 138

Mia Fonssagrives eighth-grade cheerleader 25 O 10

3,000 North Dakotans search for lost boy 1 N 26

Three brothers use airlift to school, ride basket car from Idaho canyon to ridge top 1 N 81

Boy finally born to family of 13 girls 8 N 32

Saturday night activities Myles Standish family 8 N 168

Robert Williams' 365 photos of son show first year 22 N 16

Family pet baby burro from Mexico 22 N 124

Mother leaves burning house, son set fire, safe in neighbor's home 6 D 91

Kathy Schaberg steals show at dancing school recital 6 D 209

Den Mother in Cub Scouts 13 D 121

2-year-old gazes at jack-in-the-box, other oversized story-book figures in art studio, c.p. 20 D 34

First Furniture, low cost, easy to assemble 20 D 41

Winners Ranger Joe drawing contest win all toys they can carry in specified time 20 D 75

France Government's antialcohol decrees 6 D 67

Germany

U.S. Air Force Kinderlift, airlift 1,500 West Berliners to vacations in West Germany 26 JI 15

Great Britain

2-year-old son of chimp caretaker and chimp show affection 23 Ag 110

New star Vincent Winter watches his film *The Little Kidnappers* 13 S 103

Indochina

Catholic refugees from Communism celebrate Christmas in Gia Kiem 27 D 14

South Africa

Spirited children in Basutoland, c.p., cov. 16 Ag 52

Spain

Children spared from death march with own caskets in gratitude to God 15 N 103

CHIMPANZES Son of chimp caretaker and chimp embrace 23 Ag 110

Chimp's comedy act as pianist Liberchimpanzi 15 N 124

CHINA

Chou En-lai visits India 12 JI 33

Syngman Rhee's address to U.S. Congress suggests restoring balance power against Communism in Asia by liberating China now through revival Korean War 9 Ag 14

U.S. plane rescues survivors British plane shot down by Reds 9 Ag 16

Editorial urges U.S. send food surplus to famine victims worst flood, 1947 U.S. plan for Yangtze River dam 23 Ag 26

Attlee and British Labor delegation tour Red China, article by Rene MacColl 20 S 47

Nationalists on Quemoy Island in foxholes alerted by Chinese Red shells 27 S 23

Quemoy Island under Red siege 27 S 24

Red Chinese gunboats burn after Nationalist air attack 11 O 38

Editorial "Stand Fast by Free China"; U.S. should confirm support Nationalists, Formosa asset * 22 N 40

Reds imprison 13 Americans as "spies," 11 air-men, U.S. and Britain protest 6 D 35

Former Soviet Agent Rastvorov tells how Stalin pushed Reds into Korean War, d. 6 D 174

U.N. Secretary General gets news Chou En-lai will meet him in Peking to discuss fate 11 U.S. airmen * 27 D 13

Diplomatic service

Wife of Nationalist China's Ambassador Woo in embassy in Washington, c.p. 27 S 108

CHOIRS

25th anniversary Mormon Salt Lake City Tabernacle choir on radio * 26 JI 20

CHORUS GIRLS Hollywood's new Moulin Rouge, c.p. 19 JI 42

CHOU EN-LAI Indochina negotiations 5 JI 18

Visits India 12 JI 33

CHRISTIANITY

Editorial "A Path to Peace Through Prayer"; World Council of Churches meeting fosters as power to halt Communism and H-bomb destruction * 13 S 48

Editorial "Toynbee and the Future"; views in final volumes *Study of History* * 8 N 36

Editorial "Christianity and Politics" * 27 D 18

CHRISTMAS

Distinctive tree decorations, wreaths, other trimmings, c.p. d. 6 D 114

Wolf family's gag photo on Christmas cards since 1937 20 D 6

Salvation Army alcohol center 27 D 4

CHILDREN

See also Infants

Triplets laugh at distorted reflections in Palisades Park trick mirror 26 JI 120

Brooklyn movie-theater operator protests 5% admission tax, chromed penny campaign, Treasury crackdown, counterfeit pennies in roundup 2 Ag 29

Children given free reign in supermarket to learn preferences 2 Ag 49

6-year-old helps father as cowhand, cov. 9 Ag 78

Antics of dancer-bit player's children backstage at Red Skelton TV reversal 16 Ag 48

Boy sets up Washington Square sidewalk stand to draw 15¢ portraits 16 Ag 63

80 children at Houston, Tex. swimming club party dive to catch bass with hands 16 Ag 108

Descendants' children in Bedford House built by John Jay in 1801 23 Ag 85

YMCA Camp allowed to play tricks on counselors on last day 30 Ag 106

12-year-old catcher blows gum bubble during Little League championship 6 S 17

Family picnics on summer Sunday 6 S 108

Philadelphia's new playgrounds 13 S 118

Teacher's drawings poke fun at school scenes, r. 20 S 16

School shortage, housing projects become classrooms 20 S 63

Help for mentally retarded 18 O 119; 25 O 138

Mia Fonssagrives eighth-grade cheerleader 25 O 10

3,000 North Dakotans search for lost boy 1 N 26

Three brothers use airlift to school, ride basket car from Idaho canyon to ridge top 1 N 81

Boy finally born to family of 13 girls 8 N 32

Saturday night activities Myles Standish family 8 N 168

Robert Williams' 365 photos of son show first year 22 N 16

Family pet baby burro from Mexico 22 N 124

Mother leaves burning house, son set fire, safe in neighbor's home 6 D 91

Kathy Schaberg steals show at dancing school recital 6 D 209

Den Mother in Cub Scouts 13 D 121

2-year-old gazes at jack-in-the-box, other oversized story-book figures in art studio, c.p. 20 D 34

First Furniture, low cost, easy to assemble 20 D 41

Winners Ranger Joe drawing contest win all toys they can carry in specified time 20 D 75

France Government's antialcohol decrees 6 D 67

Germany

U.S. Air Force Kinderlift, airlift 1,500 West Berliners to vacations in West Germany 26 JI 15

Great Britain

2-year-old son of chimp caretaker and chimp show affection 23 Ag 110

New star Vincent Winter watches his film *The Little Kidnappers* 13 S 103

Indochina

Catholic refugees from Communism celebrate Christmas in Gia Kiem 27 D 14

South Africa

Spirited children in Basutoland, c.p., cov. 16 Ag 52

Spain

Children spared from death march with own caskets in gratitude to God 15 N 103

CHIMPANZES Son of chimp caretaker and chimp embrace 23 Ag 110

Chimp's comedy act as pianist Liberchimpanzi 15 N 124

CHINA

Chou En-lai visits India 12 JI 33

Syngman Rhee's address to U.S. Congress suggests restoring balance power against Communism in Asia by liberating China now through revival Korean War 9 Ag 14

U.S. plane rescues survivors British plane shot down by Reds 9 Ag 16

Editorial urges U.S. send food surplus to famine victims worst flood, 1947 U.S. plan for Yangtze River dam 23 Ag 26

Attlee and British Labor delegation tour Red China, article by Rene MacColl 20 S 47

Nationalists on Quemoy Island in foxholes alerted by Chinese Red shells 27 S 23

Quemoy Island under Red siege 27 S 24

Red Chinese gunboats burn after Nationalist air attack 11 O 38

Editorial "Stand Fast by Free China"; U.S. should confirm support Nationalists, Formosa asset * 22 N 40

Reds imprison 13 Americans as "spies," 11 air-men, U.S. and Britain protest 6 D 35

Former Soviet Agent Rastvorov tells how Stalin pushed Reds into Korean War, d. 6 D 174

U.N. Secretary General gets news Chou En-lai will meet him in Peking to discuss fate 11 U.S. airmen * 27 D 13

Diplomatic service

Wife of Nationalist China's Ambassador Woo in embassy in Washington, c.p. 27 S 108

CHOIRS

25th anniversary Mormon Salt Lake City Tabernacle choir on radio * 26 JI 20

CHORUS GIRLS Hollywood's new Moulin Rouge, c.p. 19 JI 42

CHOU EN-LAI Indochina negotiations 5 JI 18

Visits India 12 JI 33

CHRISTIANITY

Editorial "A Path to Peace Through Prayer"; World Council of Churches meeting fosters as power to halt Communism and H-bomb destruction * 13 S 48

Editorial "Toynbee and the Future"; views in final volumes *Study of History* * 8 N 36

Editorial "Christianity and Politics" * 27 D 18

CHRISTMAS

Distinctive tree decorations, wreaths, other trimmings, c.p. d. 6 D 114

Wolf family's gag photo on Christmas cards since 1937 20 D 6

Salvation Army alcohol center 27 D 4

CHILDREN

See also Infants

Triplets laugh at distorted reflections in Palisades Park trick mirror 26 JI 120

Brooklyn movie-theater operator protests 5% admission tax, chromed penny campaign, Treasury crackdown, counterfeit pennies in roundup 2 Ag 29

Children given free reign in supermarket to learn preferences 2 Ag 49

6-year-old helps father as cowhand, cov. 9 Ag 78

Antics of dancer-bit player's children backstage at Red Skelton TV reversal 16 Ag 48

Boy sets up Washington Square sidewalk stand to draw 15¢ portraits 16 Ag 63

80 children at Houston, Tex. swimming club party dive to catch bass with hands 16 Ag 108

Descendants' children in Bedford House built by John Jay in 1801 23 Ag 85

YMCA Camp allowed to play tricks on counselors on last day 30 Ag 106

12-year-old catcher blows gum bubble during Little League championship 6 S 17

Family picnics on summer Sunday 6 S 108

Philadelphia's new playgrounds 13 S 118

Teacher's drawings poke fun at school scenes, r. 20 S 16

School shortage, housing projects become classrooms 20 S 63

Help for mentally retarded 18 O 119; 25 O 138

Mia Fonssagrives eighth-grade cheerleader 25 O 10

3,000 North Dakotans search for lost boy 1 N 26

Clouds

U.S. Weather Bureau laboratory makes clouds to study rain-making processes 23 Ag 79

Starry Universe, c.r. 20 D 53

CLUBS

17,000 annual conventions mark public service, Rotary and Lions * 19 JI 16

New York Yacht Club, 100 years, c.r., c.p. 30 Ag 54

Bumper year for duck hunters 22 N 38

COAL INDUSTRY

Expllosion takes 15 lives in Jamison Coal's model mine at Farmington, W. Va. 29 N 45

COATS

Mixed-fur style 1 N 69

COBALT

Theratron radiation machine for cancer 12 JI 59

Irradiated in AEC's Materials Testing Reactor for cancer therapy 13 S 75

COCA, IMogene

TV comedienne goes it alone 18 O 57

COCHRAN, JACQUELINE

Describes childhood and early life 16 Ag 92

COE, FRED

Corrals TV playwrights for NBC *Television Playhouse* 25 O 77

COLE, LESTER

Ex-Red hunting Congressman J. Parnell Thomas describes encounters at Danbury prison with jailmate he helped convict, d. 4 O 138

COLETTE

Death, career, r. 16 Ag 77

COLLEGES AND UNIVERSITIES See Education; individual names

COLORADO PLATEAU

Vernon Pick's ordeal before \$10 million uranium find 1 N 112

COLORADO SPRINGS, COLO.

U.S. Air Force air academy site 5 Jl 22
Ogden, Utah Junior Chamber of Commerce has re-enactment Pony Express race to publicize convention 5 Jl 93

COLORADO, UNIVERSITY OF

Pin-up photos coeds get humor magazine *Flatiron* suspended 20 D 32

COLUMBIA UNIVERSITY

Bicentennial rites, England's Queen Mother Elizabeth, Stevenson, Adenauer and Warren give degrees 15 N 49

COLUMBUS, CHRISTOPHER

America's defends theory Vespucci found America's mainland before him, r. 11 O 101

COMIC STRIPS

Drought in Georgia's Okefenokee Swamp puts *Pogo* in pickle, r. 22 N 134

COMMUNISM

Editorial "Conformity and Freedom"; U.S. system assures freedom despite trend conformity, McCarthy abuses * 5 H 14

Editorial "Agonizing Appraisal"; urges U.S. shift in alliance Communist appeasing powers to smaller more resolute allies * 12 H 14

Editorial "An Expert Rating of McCarthy" * 26 H 20

Editorial "Indochina and the Next Emergency" * 2 Ag 24

Editorial "British Wisdom at Home"; Lord Strang defines realities cold war * 6 S 16

Editorial "British Folly Abroad"; criticism Labor Party visit to Russia and China * 6 S 16

World Council of Churches meeting fosters Christianity as power to half * 13 S 48

Editorial "Are Communists People?"; Humphrey Act outlawing party in U.S., immunity act makes it easier for ex-Reds to testify * 27 S 22

Former Red hunting Congressman J. Parnell Thomas describes prison term, Red jailmates to helped convict, d. 4 O 138

Demonstrations over nonsegregation Negroes in schools and Soviet propaganda film *Silvery Eyes* * 11 O 36

Lyndon's signs of Communism in final volumes *Study of History* * 8 N 36

Article by former Soviet Agent Rastvorov; Part I: Borgia's plot to seize power, purge, d. 9 N 18

Part II: Red activities in Far East, Chinese Reds in Korean war, blackmail espionage in Japan, d. 6 D 174

Part III: How Rastvorov left espionage job in Japan to escape to U.S., d. 13 D 49

Hiroshima's prison still protests innocence * 14 D 33

Asia

Syngman Rhee's address to Congress suggests restoring balance power against Communism by liberating China now through revival Korean War * 9 Ag 14

China

Chen Lidian visits India 12 Jl 33

U.S. Air Force rescues survivors British plane shot down by Reds 9 Ag 16

British Labor delegation tour Red China 20 S 47

Nationalists on Quemoy crouch in foxholes alerted by Chinese Red shells 27 S 23

Quemoy under Red siege * 27 S 24

Red guerrillas burn after Nationalist air attack 11 O 39

Reds imprison 13 Americans & "kneel," 11 airmen and two civilians, U.S. and Britain protest * 10 D 28

Refugees from Red China flee fire in squatter colony in Hong Kong 13 D 28

F.N. Secretary General gets news Chou En-lai will meet him in Peking to discuss fate 11 U.S. airmen * 27 O 13

Germany

Woman shopkeeper's tip West Berlin police ignored might have prevented desertion Otto John in Reds 23 Ag 30

Guatemala

Red-inspired demonstrations in Latin America blance revolution on U.S. 5 H 8

Civil war ends pro-Red Arbenz regime 12 H 29

Civil war over, anti-Red victory 19 Jl 24

Indochina

Vietnamese attempt to flee Red River delta abandoned to Reds, map 12 Jl 10

Vietnam French cease-fire conference 19 Jl 18 Geneva Conference 26 H 29

France at Geneva Communist victory, Red domain half Vietnam and part of Laos, evacuation French PWs, map 2 Ag 10

Dienbienphu panorama, Vietminh collect war booty 9 Ag 16

Reds take over Hanoi as French evacuate to Haiphong 25 O 23

26,000 Catholics flee sea from Vietminh 6 D 46

Italy

Communism threat despite economic and social gains, "state-within-a-state" organization, article by Emmet Hughes 30 Ag 92

COMPAGNONI, ACHILLE

Italian Alpine Club conquers Himalayan K2 or Mount Godwin Austen, c.p. 11 O 29

COMPOSITIONS

Musicians TV's *Omnibus* stand on giant replica of Beethoven's *Fifth Symphony* 29 N 161

CONCERTS

Anna Maria Alberghetti sings in rain at family concert in Red Rocks, Denver 30 Ag 65

CONDUCTORS

Howard Webb teaches Houston Youth Symphony youngsters to conduct with mirrors 26 H 63

CONFERENCE

Meyner of New Jersey takes spotlight at annual Governors' Conference 26 Jl 35

CONNOLY, MAUREEN

In hospital after fall from horse, unable to defend tennis title, horses brought romance with Norman Brinker 2 Ag 30

CONSTRUCTION

Office building gets aluminum facade in day 5 Jl 16

New York State Thruway, latest link in network superhighways, map 19 Jl 75

Tecolote Tunnel water project, 9 Ag 10

Huge caissons for Michigan's Mackinac Straits Bridge built on land, floated and towed to site 15 N 98

Chicago gets highest skyscraper, Prudential Building 29 N 26

CONTESTS

Youngsters in Ranger Joe drawing contest win all toys they can carry in specified time 20 D 75

CONVAIR POGO See Aviation—Aircraft—Jet propeller

CONVENTIONS

Episcopalian nun helps build convent and rectory house in Dallas, d. 29 N 125

COOK, ALBERT

Test well on Texas farm brings in oil 27 S 45

COOKING

Seven salads using 29 varied greens, dressings, recipes, c.p. 19 Jl 57

Solar stove from India

22 N 137

COOPER, GARY

Stars in *Era Crucis* 20 D 80

COPE, JOHN

Deaf man weds deaf girl 29 N 56

CORCOS, EULALIE

Artist portrays family activities at winter house and summer beach house, r.c.r. 12 Jl 90

CORN

100 heat aggravates Midwest drought, farmer watches grasshoppers chew withered stalks 2 Ag 22

CORONATION YEAR MARK II

Sand yacht 15 N 84

CORPORATIONS

Wolton's efforts to seize control Montgomery Ward 6 S 24

Studebaker-Packard merger 6 S 59

Wolfson builder \$231 million empire hopes to take over Montgomery Ward, d. map 22 N 179

COSMOLOGY

Starry Universe, galaxies, stars and planets, c.p., e.t., charts, diag., cov. 20 D 44

COSTA RICA

Charcoal makers among twisted trees of foggy forest on Talamanca mountain 8 N 16

COTY AMERICAN FASHION CRITICS

James Galanos wins "Winnie" award 22 N 147

COUGHLIN, ROBERT

Article on Physicist Edward Teller's role in U.S. decision to develop H-bomb * 6 S 60

Article on Vernon Pick's \$10 million uranium fund * 1 N 112

COURTS

Inquest death Montgomery Ward Thorne 19 Jl 22

Melvin Belli's personal injury cases, technique wins big awards for clients 18 O 71

In Cleveland state builds case against Dr. Sheppard, accused of killing pregnant wife, d. 22 Jl 44

Trial French farmer for murder Briton Sir Jack Drummond and family 13 D 22

COURTS-MARTIAL

Lieut. Col. Fleming guilty collaborating with North Koreans, dismissal from Army 4 O 35

Cpl. Batchelor sentenced to life imprisonment for aiding enemy in North Korea, 14 fellow prisoners testify 11 O 40

COVERS ALL SEAS OVERALLS

6-year-old boy helps father as cowhand, cov. 9 Ag 98

COWS See Cattle**CRARY, VERN**

Man on water skis held aloft by giant kite flies 65 feet above water 5 Jl 96

CRIME

See also individual crime Four Brooklyn boys arrested for beatings and two killings 30 Ag 16

Phoenix, Ala., most sinful city, martial rule, election reform candidate 4 O 47

PRISONS AND PRISONERS

Bloodiest riot at Missouri State Penitentiary 4 O 34

Former Red hunting Congressman J. Parnell Thomas describes prison term at Danbury, Conn., jailmates he helped convict, reform suggestions, d. 4 O 138

Alger Hiss leaves prison 6 D 53

CROSBY, BING

In film *White Christmas*, c.p. 11 O 158

Role in *Country Girl* may win Oscar 6 D 106

CROWNINSHIELD, EDWARD

Bostonian swindled copy are *Bay Psalm Book* century ago 22 N 100

CRUISES

Europe's royalty tours isles of Greece 20 S 151

CRUTCHES

Tortoise with broken leg disappears after getting splint and crutch 25 O 172

CRYPTANALYSIS

Hamlet enigma at Elsinore, Melchior explores castle for manuscript based on cipher on Shakespeare's tombstone, charts 9 Ag 81

CUBA

President and Dictator Batista campaigns for November election 9 Ag 35

Hemingway receives news Nobel Prize 8 N 25

CUBES

Young couple exhibits cubical structure to provide two living levels in one-room apartment 11 O 91

CUPS

16th Century jeweled gold cup from Lehman collection, c.p. 9 Ag 64

CURRENCY

Brooklyn movie-theater operator protests 5% admission tax, chromed penny campaign, Treasury crackdown, kids' counterfeit pennies in roundup 2 Ag 29

CURRENT

Meyer of New Jersey takes spotlight at annual Governors' Conference 26 Jl 35

CONNOLY, MAUREEN

In hospital after fall from horse, unable to defend tennis title, horses brought romance with Norman Brinker 2 Ag 30

Couple receives \$7,000 in nickels after wife's appearance on TV show 27 S 119

Party guests lie on floor, try to get nickel off noses 27 S 154

Milwaukee students reach midpoint in goal to raise million pennies for high school addition 27 D 24

CYPRIUS

Athens students riot against American support U.N. decision postponing action on union with Greece * 27 D 12

D**DAILY EXPRESS (LONDON)**

Correspondent MacColl describes British Labor delegation's tour Red China * 20 S 47

DANCING

3-year-old girl steals show at dancing school recital 6 D 209

Teenagers wear dresses with lively patterns for lively steps at dancing school 13 D 103

Ballet

Paris Opera's ballerina as giant cockroach for dance based on Kafka's *Metamorphosis* 30 Ag 77

Moira Shearer in Old Vic Company's *A Midsummer Night's Dream* on U.S. tour, c.p. 18 O 93

Dancers dressed as chromosomes on TV's *Adventure* illustrate genetics 8 N 57

New York City Center's presentation Tchaikovsky's *Nutcracker* ballet, c.p. 13 D 69

Mambo

Song and dance fad in U.S. 20 D 14

Square dancing

Omaha dance festival, couples in circling "squares" whirl Docey Do Hash, c.p. 13 S 181

DANDRIDGE, DOROTHY

In film, Carmen Jones cov. 1 N 87

DANUBE RIVER

Flood leaves 75,000 homeless, rescue in Germany 26 Jl 32

CORN

100 heat aggravates Midwest drought, farmer watches grasshoppers chew withered stalks 2 Ag 22

CORONATION YEAR MARK II

Sand yacht 15 N 84

DANTRIDGE, DOROTHY

In Mettler's Woods in New Jersey, c.p., c.r., cov. 8 N 83

Greatest hunting season in U.S.

22 N 33

Real deer illuminated behind luminous sign announcing deer trail on German highway 22 N 208

DEBEL, CHARLES AND MARGE

Receive \$7,000 in nickels after Marge's appearance on TV show 27 S 119

DEMOCRATIC PARTY

Texas Governor Shivers and Yarborough campaign for runoff gubernatorial primary 30 Ag 22

DEEKS, RAY

Greatest hunting season in U.S. 22 N 33

Real deer illuminated behind luminous sign

announcing deer trail on German highway 22 N 208

DEMOCRATIC SERVICE

Splendor foreign embassies and diplomatic community in Washington, c.p. 2 S 102

DIRKSEN, EVERETT

Photo portrait 19 Ap 110

DISEASES

Stereoscope somarlike device produces sound wave portrait diseased tissues visible to X-rays 20 S 71

Alcoholism

Premier Mendes-France's antialcohol decree 6 D 67

Salvation Army's rehabilitation program

2 D 4

Cancer

Theratron radiation machine, cobalt revolver in huge jaws around patient 12 D 59

Cancer gun "fires" radioactive gel bullets

into tumors 15 N 59

Animated cartoon *Horizons of Hope*

c. 6 D 10

Leprosy

Schweitzer building leper village in French Equatorial Africa, treatment 15 S 164

and for
ards 221 estate
ans 23

s ultra-

uribach
run for
to Dereveals
metals

3

NY, N.

tren 18

c.r. 20

on old

a River

11 65

Berlin

John to

O 53

immunity

ide cas

tion re

8

copies

plomatic

S 102

sound

sible to

decrees

am 27

evolve

9

bullets

c.r. 6

French

164

a battle

ent at

biggest

127

gs now

maria-

Christ,

in 1/2

Navy's

ah 6

n elect-

claim

ancing

joins

French

Price

— Ten-

an 29

in big-

rabies

ng up

dogs

hotels

in Sir

in ac-

odd

ing 22

DONKEYS

Baby burro from Mexico family pet, U.S. boom 22 N 120

DONNELLY, DESMOND

Labor party backer of Bevan points accusing finger at Bevan on German rearment issue 11 O 37

DODGES

Ancient Japanese netsuke figurines carved from U.S. financier's bizarre drawings, r. 12 Jl 2

DOUGLAS, PAUL

Climax Senate re-election campaign, c.p. 18 O 25

Election victory 15 N 32

DOW, WILBUR E., JR.Arctic voyage in *Monte Carlo* pin-points North Magnetic Pole * 29 N 108**DOW JONES AVERAGE** See Stock Market**DRAWINGS**

Friendly portrait of U.S. by visiting British Cartoonist Rowland Emett, cov. 5 Jl 42

Ancient Japanese netsuke ivory figurines carved from U.S. financier's bizarre doodles 12 Jl 2

Reginald Marsh's scrap paper sketches TV musical rehearsal for LIFE before death 26 Jl 47

Biggest rock fall at Niagara, previous slides and erosion 9 Ag 18

Bill Mauldin illustrates U.S. vacation with wife in small plane 23 Ag 92

Racing sailboats through years 30 Ag 57

Pogo Creator Walt Kelly sketches Watkins committee's investigation McCarthy censure 13 S 53

Teacher Mrs. Margery Brown pokes fun at familiar school scenes 20 S 16

Cutaway drawing first commercial atomic power plant for electricity 20 S 141

French Navy's bathyscaphe 27 S 88

Hole in baby's heart mended, operation joins mother's bloodstream to child 1 N 45

Gina Lollobrigida's wardrobe chart 15 N 18

Courtroom drawings by Shilstone of murder trial of Dr. Sheppard 22 N 44

Italian magazine depicts Tuscan woman robbed by astral dwarfs 29 N 133

32 come repair jobs, chores for professionals, a sateurs 6 D 200

Balinese youngsters in Ranger Joe drawing contest win all toys they can carry 20 D 75

Original illustrations by Johann Emanuel Wyss for *The Swiss Family Robinson* 27 D 50**DRESSES** See Clothing**DRILLS**

Nor trop develops drilling technique to bore the holes in human hair 4 O 119

DRUG HIT

El Dorado, Kan., still holding out after year without rain 19 Jl 26

100 heat aggravates Midwest drought, farmer whishes grasshoppers chew withered corn stalks 2 Ag 22

Worst drought in Georgia's Okefenokee Swamp, p. 29 Pogo cartoon in pickle, r. 22 N 133

DRUM MOND, SIR JACK

Triumphant French farmer for murder British biologist and family * 13 D 22

DUCKS

Gretest hunting season in U.S., clubs 22 N 33

DULLES, JOHN FOSTER

Meeting France seeks cease-fire with Indo-china Reds at Geneva, confers with Eden at Mendes-France in Paris, renewes U.S. representation at parley 26 Jl 29

Seventeen nations join Manila Pact for Southeast Asia 20 S 34

Eight nations sign Manila Pact * 20 S 36

Walking feet in European capitals with Eden and other diplomats symbolize trips to solve problem rearmed Germany 27 S 19

With Western diplomats at Paris conferences on German position in Europe 1 N 22

DUNES

Hot-solders build special cars to race over Arctic desert 19 Jl 53

DUNG, SAN TIEN

Vietnam leader at cease-fire conference with French in Indo-China 19 Jl 18

DUNNE, JACKIE

Wear crew cut hairstyle for women 19 Jl 68

DUROCHER, LEO

New York Giants win World Series 11 O 154

DUTCH GUIANA

See also Surinam

DWARFS

Astral dwarfs accost Italian woman in woods, d. 29 N 133

E**FARNSHAW, HARRY**

Tour Red China with British Labor delegation 20 S 47

FAIRS

Photo of dairyman with Holsteins makes him seem to have cattle ears 15 N 200

EARTH (PLANET)

Starry Universe, solar system, space theories, galaxies, c.r., diag. 20 D 44

EARTHQUAKES

Algerian earthquake kills 1,000 in Orleansville 20 S 41

ECLIPSES

Moon's shadow aids science, astronomers use solar eclipse to study sun's heat, earth's size, c.p. 26 Jl 40

EDEN, ANTHONY

Visit to U.S. to discuss Southeast Asia 5 Jl 18

Geneva Conference, meets Dulles with Mendes-France in Paris 26 Jl 29

Walking feet in European capitals symbolize trips to solve problem rearmed Germany 27 S 19

Conservative party tribute after London Conference 18 O 34

Poses with Western diplomats at Paris conferences on new German position 1 N 22

Proposal at London conference revives hope for united Western Europe, sketch, article by Emmet J. Hughes, d. 15 N 175

EDITORIALS See LIFE—Editorials**EDUCATION**

See also Schools; Teachers; names of colleges School shortage, housing projects become classrooms 20 S 63

Help for mentally retarded children: Part I 18 O 119; Part II 25 O 138

Big Ten look and way of life at Midwest colleges, c.p., cov. 25 O 95

Three brothers use airlift to school, ride basket car from Idaho canyon to ridge top 1 N 81

Columbia University's bicentennial rites, England's Queen Mother Elizabeth, Stevenson, Adenauer and Warren given degrees 15 N 49

American Philosophical Society founded by Ben Franklin meets in Phila., grants to scholars 13 D 93

NegroEditorial notes demonstrations over nonsegregation in schools aid Soviet propaganda film *Silvery Dust* * 11 O 36

Baltimore students demonstrate in white schools under nonsegregation ruling 11 O 45

Editorial "The 'Whys' of Hate"; Alport's *The Nature of Prejudice*, flareups over non-segregation in schools * 25 O 28

Protestant community Cherokee, Tenn., sponsors Nigerian Catholic in U.S. for college education 8 N 155

EGAN, NICK

Transhot grand championship 13 S 81

EGYPT

Egyptologist finds alabaster sarcophagus at unfinished pyramid empty, c.p. 2 Ag 34

Britain's evacuation Suez paves way for joining alliance against Communism * 9 Ag 14

Britain to leave Suez, cause of peace gains in Middle East, Suez history, d. 9 Ag 20

Howard Hawks recreates great era in film, *Land of the Pharaohs*, building tomb of Pharaoh Khufu (Cheops) 20 S 141

Controversy Dixon-Yates plan for construction electric power plant for AEC 8 N 34

EISENHOWER, DAVID

Grandfather wince, grandmother looks resigned as grandson tries out new drum 2 Ag 23

Administration

With Cabinet at well-guarded picnic parley at Camp David, Md. 23 Ag 38

Via Denver TV starts ground-breaking on first commercial atomic power plant in Shippingport, Pa., 20 S 141

Controversy Dixon-Yates plan for construction electric power plant for AEC 8 N 34

Appointments

John Marshall Harlan newly appointed Justice Supreme Court 22 N 41

Congress

Republican representatives up for re-election have photos taken with President 2 Ag 4

Editorial "For the Nation-Minded Voter": reasons to elect Republican Congress * 11 O 36

Analysis Republican fears Democratic election victories * 18 O 143

Foreign affairs

Churchill and Eden visit to discuss Southeast Asia 5 Jl 18

World Council of Churches meeting fosters Christianity to halt Communists and H-bomb destruction, speech urges worldwide prayer * 13 S 48

Politics

On Western tour at climax Republican election campaign, c.p. 18 O 27

Televised speech in Denver in behalf Republican election campaign 18 O 32

Analysis Republican fears Democratic victories congressional and local elections * 18 O 143

EISENHOWER, DWIGHT D.

Looks resigned as grandson tries out new drum 2 Ag 23

EISENSTADT, ALFRED

Photographs Duke of Edinburgh's tour Canadian tundra * 23 Ag 22

Photographs rain forest * 20 S 15

Expedition to Surinam (Dutch Guiana) rain forest 20 S 105

Review LIFE photographer's 25 years, memorable pictures 29 N 136

Photographs New York City Center ballet production *Nutcracker Suite* * 13 D 69**EKALAKA, MONT.**

Town hunts fossil bones 8 N 131

EL DORADO, KAN.

Still holding out after year without rain 19 Jl 26

ELECTION CAMPAIGNS See candidates; political parties**ELECTIONS**

Texas Governor Shivers and Yarborough campaign for runoff gubernatorial primary 30 Ag 22

Phenix City, Ala., "most sinful city," under martial rule, election reform candidate for city commissioner 4 O 47

Editorial "For the Nation-Minded Voter": reasons to elect Republican Congress * 11 O 36

Electoral campaign climax, contests for attorney general in New York, House and Senate seats, c.p., cov. 18 O 24

Analysis Republicans fear Democratic victories in congressional and local elections, article by Ernest Havemann, cartoon 18 O 136

Editorial "The Campaign Issues—if Any" * 1 N 30

Big vote and close finish, Democrats control House and Senate, 56 freshman congressmen 15 N 29

Editorial "A Better Chance For Progress": analysis congressional and state elections 15 N 43

Cuba

President and dictator, Fulgencio Batista, campaigns for November election 9 Ag 35

ELECTRICITY

Aluminum Co. of Canada's project reverses river flow to supply world's largest aluminum smelter at Kitimat, B.C., c.p., map 23 Ag 48

Via Denver TV President Eisenhower starts groundbreaking on first commercial atomic power plant in Shippingport, Pa., d. 20 S 141

Controversy Dixon-Yates plan for construction power plant for AEC, opponents claim attempt to half TVA, map 8 N 34

Kansas science teacher uses homemade robot 13 D 74

ELÉCTRONICS

Electronic device protects planes in combat by suppressing wing explosions from bullets in fuel tanks 6 S 39

Fastest seaplane explodes in demonstration flight, Navy's Sea Dart 15 N 36

Explosion takes 15 lives in Jamison Coal's model mine at Farmington, W. Va., 29 N 45

EXPOSITIONS

U.S. overshadows Russians with Cinerama at Damascus trade fair * 27 S 22

Russians star with "peace-loving" exhibit at trade fair in Turkey 27 S 30

F**F-89D** See Aviation—Aircraft—Jet propelled**FABRICS**

Mathematical formulas and geometric symbols in new patterns, c.p. 1 N 92

FACES

Girl's face framed by tennis racket resembles ghostly mirage 19 Jl 100

Party guests lie on floor, try to get nickel off noses 27 S 154

Husband photographs distorted views wife's face reflected in kitchen utensils 11 O 14

Weegee's tricks with mirrors and lens create bizarre portraits 29 N 10

Swedish boxer looks cross-eyed as he gets solid punch on nose 29 N 164

FACULTIES

Starlets act out stock emotions of silent screen 8 N 73

FACTORIES

Workers flee exploding fireworks factory 26 Jl 21

FAIRPLAY

German tug rammed in Cuxhaven 20 S 32

FAIRS

See also Expositions

Election campaign climax, Senate candidates visit, c.p. 18 O 25

FAIRY TALES

2-year-old girl gazes at huge jack-in-the-box, other storybook figures in art studio, c.p. 20 D 34

FAMILIES

Lucille Corcos paints family at winter home and summer beach house, r. c.p. 12 Jl 90

Boy finally born to family of 13 girls 8 N 32

Saturday night activities Myles Standish family 8 N 168

Red China imprisons 13 Americans as "spies," 11 airmen, families spend bleak Thanksgiving 6 D 35

Gag photo on Christmas cards records family's growth since 1937 20 D 6

FAMINE

Editorial urges U.S. send food surplus to victims of China's worst flood 23 Ag 26

FANFANI, AMINTORE

One of Italy's strongest anti-Communist fighters 30 Ag 102

FARMAN, N. R.

Photographs Den Mother in Cub Scouts * 13 D 121

FARMING See Agriculture

FISH AND FISHING

Fossil skeletons in Kansas of 6-foot fish swallowed whole by 14-foot *Portheus* fish 90 million years ago 19 Jl 6
Hooked northern pike leaps from water, spits out spoon hook and gets away 9 Ag 15
80 children at Houston, Tex., swimming club party dive to catch bass with hands 16 Ag 108
Spear fishing tournaments off Key West 18 O 129
California fills oceanarium with big haul after many troubles 1 N 51
Mettler's Woods, woodland stream, c.r. 8 N 86
San Antonio uses chemical rotenone to kill unwanted fish by reducing oxygen intake 15 N 147
Carp has bruised head dabbed with Mercurochrome 13 D 160

FISHER, ED

Skin diver survives 24-hour underwater marathon off Florida coast 2 Ag 20

FISHER, EDDIE

Romance with Debbie Reynolds causes teen age fizz 13 S 183
Announces engagement to Debbie Reynolds at Beverly Hills party 8 N 45

FLAGS

Star-spangled banner flies on Two Ima in transit from New York to Washington, Marine Corps memorial, d. 20 S 128

FLANDERS See Belgium

Painting photo comic gets humor magazine suspended at University of Colorado 20 D 32

FLIES

Microscope reveals structure 33 S 187

FLEMING, HARRY
Cancer patient, guilty collaborating with North Koreans, released from Army 3 O 35

FLORIDA

West flood in history Rio Grande * 12 Jl 15
Tumbleweed leaves 25,000 homeless, rescue in Germany 26 H 32
U.S. aid and food supplies to famine victims 13 S 26
Food and fuel supplies to famine victims via
air 13 S 26

Nonstop express terrible destruction in
Southern Italy; more burial dead 8 N 30

FLORIDA

State election: DeGrazia elected to House
of Representatives 13 N 24

FLOWERS

100 varieties seen: 100% 100% 100% 100% 100%
100% 100% 100% 100% 100% 100% 100%

FLYING

Mosquitoes like solid gold in giant kite
flies at top above water 5 H 96

FLYING CAR

At Lincoln-Roosevelt Park customers wheel
motorized kites in carts attached to rolling drums
13 S 19

FLYING SAUCERS

Nonstop overflying flying saucers and other
mysterious visitors seen recently 13 N 28
U.S. government denied in Italy, d. 20 N 131

FOOD

U.S. food signal to camera with 100 inci-
lusions 100% 100% 100% 100% 100% 100%
100% 100% 100% 100% 100% 100% 100%

FOOTBALL

Non-stop action play newest tactic in
quarterback and fullback specialties con-
tested by University of Oklahoma 20 S 111
Urban Notre Dame Coach Terry Brennan, team
wins first game of season 4 O 23

Victory celebration at Canada's Queen's University, team finally wins game 1 N 120

Performance from Ingemar dominates 1954
college games 8 N 147

Washington State College finally beats Uni-
versity of Idaho, losers make nine-mile hike
to celebration 15 N 65

University of Pennsylvania's new Coach Steve
Seehauffer with undermanned, over-
scheduled team 22 N 61

University of Washington students light up
new dorm in Seattle with giant WU for
homecoming game, c.p. 29 N 52

Army-Navy game, Navy wins 27-26 6 D 40
Los Angeles Rams' Elroy Hirsch mobbed by
fans after final pro game, shorn of every
thing but shorts and ankle bandages 27 D 13

FOOTE, HORTON

Pools talent with TV playwrights for NBC
Television Playhouse 25 O 82

FORBES, FRANK

Account of tricky personality of New York
Giants' Willie Mays 13 S 133

FORD MOTOR CO.

1955 cars follow new eye-catcher, Thunderbird,
c.p. 6 D 130

FORESTS

Rain forest in Surinam (Dutch Guiana), life
expedition, trees, plants and animals, equa-
torial gulf of rain forest, c.p., c.r., diag.,
map, cay. 20 S 76

Nurses and medics teams parachute into woods
in U.S.-Canadian Air Force test rescue
sportsmen 25 O 55

Charcoal makers moving among twisted trees
on Costa Rican mountains 8 N 16

Woods of Home, Mettler's Woods in New
Jersey, primeval forest, c.r., c.p., map, cov.
8 N 78

FORMOSA

Chinese Nationalists on Quemoy crouch in
foxholes alerted by Chinese Red shells 27
S 23

Quemoy Island under Red siege, 27 S 24
Red Chinese gunboats burn after Nationalist
attack * 11 O 38

Editorial urges U.S. confirm support National-
alists * 22 N 40

FORMOSA STRAIT

U.S. Seventh Fleet maneuvers 4 O 28

FORT PECK INDIAN RESERVATION

Indians celebrate at Poplar, Mont., fourth an-
niversary oil discovery 11 O 192

FOSSILS

Skeletons in Kansas of 6-foot fish swallowed
whole by 14-foot *Portheus* fish 90 million
years ago 19 Jl 6

Ekalaka, Mont., hunts fossil bones 8 N 131

FOUCAULT, MARC

Hot water trick distorts photographs to re-
semble madman's world 1 N 10

FONES

Fox trained to push goose in baby buggy, leet
on face 20 S 176

FRANCE

New Premier Mendes-France takes over Indo-
china negotiations, future program, article
by Emmet Hughes 19 Jl 84

Rare Greek vase reassembled, urn in Celtic
tomb 13 S 86

Youth Karsch photographs 14 famous people,
Frenchmen by birth or adoption 4 O 129

Explorers descend 2,963 feet in cave near
Grenoble, world's record 18 O 43

Flying saucers and outer space creatures seen
recently 1 N 28

Mendes-France's antialcohol decrees, higher
taxes, curb on drinking in cafes, production
in Normandy, cartoon 6 D 67

Cities and towns*Nice*

Matisse dies 13 D 42

Paris

Dulles, Eden and Mendes-France meet in last
week Geneva Conference on Indochina, Bas-
tille Day parade 26 Jl 29

On eve EDC vote in Assembly, Communist-led
rally against arms for Germans jams arena
13 S 44

West builds new Europe admitting sovereign
Germany to NATO in week of meetings 1
N 22

NATO nations make Germany 15th member,
part in Palais de Chaillot, c.p. 15 N 63

Colonies and Possessions*Indochina*

Vietnam natives attempt flee Hanoi Red River
delta, map 12 Jl 10

Ceasefire conference 19 Jl 18

Geneva Conference: week of forced-draft di-
plomacy, Eden and Mendes-France meet
Dulles in Paris 26 Jl 29

Truce signed at Geneva, evacuation French
P.W.s, map 2 Ag 10

Truce defeat for free world * 2 Ag 24

Dienchienghien panorama, Communists collect
war booty 9 Ag 16

General De Castries released by Reds 20 S 32

Reds take over Hanoi, French evacuate to
Haiphong 25 O 23

Morocco

Istalgil party riots as France confers home
rule on Tunisia, demand return exiled Sultan
Mohammed ben Youssef, history, d. 23 Ag 13

Diplomatic service

Ambassador Bonnet's wife prepares luncheon
at embassy in Washington, c.p. 27 S 104

Foreign relations

Churchill-Eisenhower meeting result disagree-
ment over French negotiations with Red
China 5 Jl 18

Geneva conference: Mendes-France seeks cease-
fire in Indochina before deadline, week

forced-draft diplomacy, Eden and Mendes-
France meet Dulles in Paris, U.S. renews

representation at parley 26 Jl 29

EDC dies in Assembly, ministers quit Mendes-
France cabinet after vote; EDC plan, al-

ternatives; Communist-led rally against arms
for Germans jams Paris arena 13 S 42

London Conference settlement German sov-

eignty and rearmament, Mendes-France
pleads with Assembly to support commitments
18 O 34

Mendes-France visits Canada and U.S., drinks
fruit juice and milk 29 N 30

FRANKLIN, BENJAMIN

American Philosophical Society meets in Phila-
delphia, grants to scholars 13 D 93

FRANKLIN, HARRY

Tours Red China with British Labor delegation
* 20 S 47

FRASCONI, ANTONIO

Steps in making color woodcut *Sunrise-Fulton*
Fish Market 18 O 84

FRATERNITIES

University of New Mexico coeds try to fit into
body cutout in Kappa Sigma's "Miss Venus"

contest 8 N 103

Kappa Sigma's four-poster pajama party at
University of Washington 22 N 202

FRASCHI

Steps in making color woodcut *Sunrise-Fulton*
Fish Market 18 O 84

FRATERNAL

University of New Mexico coeds try to fit into
body cutout in Kappa Sigma's "Miss Venus"

contest 8 N 103

Kappa Sigma's four-poster pajama party at
University of Washington 22 N 202

FUNDS

Michigan band depicts torch-bearing runner in

drive for 1956 Olympics 25 O 47

Record sum raised for National Symphony

Orchestra of Washington, D.C. at ball 13
D 153

Milwaukee students reach midpoint in goal to
raise million pennies for high school ad-

dition 27 D 24

FUNERALS

Four surviving Dionne Quintuplets stand
beside casket of sister Emilie 23 Ag 18

Italy mourns De Gasperi 6 S 29

Funerals of Japan's pearl king, Tiger Balm
King of Hong Kong 11 O 57

Mass burial of dead in Salerno, Italy after
cloudburst destruction 8 N 30

Spaniards spared from death march with own

caskets in gratitude to God 15 N 103

Of Matisse in Nice 13 D 43

FURNISHINGS

Low-priced, well-designed items at five-and-
dime stores 26 Jl 83

FURNITURE

Fake antiques, Italian expert in Florence ages

furniture overnight 25 O 91

Sheraton Hotel Corp.'s Henderson shops for

antiques for recently-acquired Hotel Astor
1 N 98

First Furniture, low cost, easy-to-assemble fur-

niture for children 20 D 41

Low-to-the-ground designs in chairs, tables,
others 27 D 72

FURS

Mixed-fur style, full-length coats and hip-length

jackets 1 N 69

FYLDE INTERNATIONAL SAND YACHT CLUB

Sand sailors race wheeled yachts on beach at

Britain's Lytham St. Annes 15 N 83

G**GAFFNEY, BILL**

Acrobat co-inventor "Hoppers" aluminum polo

sticks on stilts 9 Ag 2

GALANOS, JAMES

Wins top two U.S. fashion awards 22 N 147

GAMBLING

Legalized gambling casinos in Reno, Nev., dull

and colorless to better seeking oldtime "ac-

tion," article by Ernest Havemann, d. 25
O 64

GAMES

Philadelphia's new playgrounds 13 S 118

Party guests lie on floor, try to get nickel off

noses 27 S 154

Friars of Caprarola near Rome enjoy Yo-yo
like "Spinning Wheel" 25 O 131

GARDENS

Hanging gardens equatorial rain forest, c.p.,
c.r. 20 S 92

GARDNER, AVA

Portraits taken by LIFE's Philippe Halsman,
string quartet put her in mood 18 O 16

GARLAND, JUDY

Film comeback *A Star Is Born*, in line for
Oscar, cov. 13 S 163

GAROFALO, JACK

Photographs Moroccan riots against French
* 23 Ag 13

GARTERS

Rhinestone-decorated tabs hide girdle garters
15 N 113

GASPERI, ALCIDE DE

Dies at 73 in retirement at mountain villa
near Trento 30 Ag 24

Italy mourns death, funeral procession tribute
6 S 29

GAUGUIN, PAUL

Neglected South Seas painting *Man With an*

Axe reappears after 57 years * 13 D 127

GAZAGNAIRE, JEAN AND HELLÈLE

Husband and wife French expatriate artists in

New York Left Bank colony 25 O 124

GEASES

Forced to push goose in baby buggy, leet
on fox's face 20 S 176

GENERAL ELECTRIC CO.

Array colored kitchen appliances, c.p. 13 D 114

GENETICS

Ballet dancers represent chromosomes on TV's

Adventure 8 N 57

GENEVA CONFERENCE

Mendes-France seeks ceasefire with Indochina

Reds, week forced-draft diplomacy, U.S. re-

news representation 26 Jl 29

Indochina truce signed, victory for Reds 2
Ag 10

GENSLER, JOHN

Lutheran minister's activities for migrant

atomic plant workers in Ohio 16 Ag 69

GEOLGY

Fossil skeletons in Kansas, 6-foot fish swallowed
whole by 14-foot *Portheus* fish 90 million

years ago 19 Jl 6

Ekalaka, Mont., hunts fossil bones 8 N 131

54
s's
tral
eek
er,
63
yrs
ted
ar.
etic
ins
5
dile
ds
and
der
eek
•
aris
en
53
ank

ess,
27

20

ies'
ub
ake
ail

sm
y's
iar

ver

am-
30
not
city

atic
per
ma

gic
22

for

av-

ay,
rat

pul-
d.
rat

e.p.

Cities and towns

London
Nine Western powers agree on West German rearmament plan 11 O 38
Londoners line up to see excavated ruin Roman temple 11 O 53
London Conference 18 O 34
 Oldham
Loquacious Irishman sets nonstop record with speech lasting 127 hours 22 N 129

Diplomatic service
London papers row over photos Commissioner General with bare-breasted women, other Dayaks in Borneo 29 N 24

Economic conditions
Nation rises from post-war near-bankruptcy to prosperity, world trade, article by Emmet Hughes 13 D 134

Foreign office
Foreign Minister Eden's proposal at London conference revives hope for united Western Europe, sketch, d. 15 N 175

Foreign relations
Geneva Conference: Eden and Mendes-France meet Dulles in Paris 26 JI 29
Editorial "British Wisdom at Home"; Lord Strang defines realities cold war * 6 S 16
Walking feet of Eden and Dulles in European airports and embassies to solve problem re-armed Germany 27 S 19
West's diplomatic triumphs in Iran, Egypt, Manila and at London Conference raise new hopes 18 O 34
London conference on German rearmament caps West's triumphs * 18 O 38
Eden's proposal to keep British troops on continent revives hope for united Western Europe 15 N 175
 China
U.S. Air Force rescues survivors plane shot down by Chinese Reds 9 Ag 16
Editorial criticism Labor Party visit * 6 S 16
Labor delegation tours Red China, article by Rete MacColl 20 S 47
 Egypt
Evacuation Suez paves way for Egypt to join alliance against Communism * 9 Ag 14
Britain to pull troops out of Suez, agreement with Premier Nasser, Suez history, d. 9 Ag 20
 United States
Editorial criticism Labor Party visit * 6 S 16
Churchill and Eden in U.S. to discuss "misunderstandings" over Southeast Asia, world diplomatic activities of week 5 JI 18

Foreign trade
Nation rises from post-war near-bankruptcy to prosperity through world trade 13 D 136

Lytham St. Annes
Fife International Sand Yacht Club, races beached yachts on beach 15 N 83

Parliament
Britons honor Churchill on 80th birthday, best likeness in gift portrait 13 D 30

Political parties
Editorial criticism Labor Party visit to Russia 1 JI 8 * 6 S 16
La Ferte delegation tours Red China, article by Rete MacColl 20 S 47
O. Labor backer of Bevan points accusing finger at Bevan on German rearmament issue 20 S 37
 Royal family
See also individual members
Duke of Edinburgh tours Canadian tundra, 23 Ag 22
Queen Mother Elizabeth visits New York 8 N 37
Cornell University awards degree to Queen Mother at bicentennial rites 15 N 49
Queen Mother hit of ball given by Associated Commonwealth Societies of New York, c.p. 2 N 74

GREEK CAPTAIN, ISLAND
Cast Broadway's *Pajama Game* on treasure hunt 23 Ag 106

GREECE
Edinburgh royalty tours isles as guests of King Paul and Queen Frederika 20 S 151
Athens students riot against American support U.N. decision postponing action on union Greece and Cyprus 27 D 12

GREENVILLE, HENRY B. ("HANK")
General Manager tells how developed Cleveland Indians into 1954 pennant 27 S 138

GRUNWALD, HENRY ANATOLE
Article on closing section Toynbee's *Study of History* which recalls influences on author's great mind * 29 N 87

GUATEMALA
Red-inspired demonstrations in Latin America blame revolution on U.S., anti-Red rebels' activities 5 JI 8
Civil war ends Arbenz regime, Monzon and Castillo Armas agree on peace terms 12 JI 20
Civil war over, anti-Red rebel victory 19 JI 24
Castillo Armas, survives one-day revolt by army officers 16 Ag 28
Deposed President Arbenz gets safe conduct pass to Mexico, searched by customs at airport 20 S 33

GULF OF MEXICO
\$2.5 million drilling barge *Mr. Charlie*, anchorage for drilling oil wells 13 S 63
Rescue raft from sunken tug *Bertha R.* 20 D 24

GUM
12-year-old catcher blows bubble during Little League championship 6 S 17

GUNLOCK, UTAH
Mormon town 6 S 94

GUNS
Trapshooting: Grand American Handicap, 14-year-old girl and boy win championships 13 S 81

"GUNS"
Cancer gun "fires" radioactive gold bullets into tumors 15 N 59

HAAS, ERNST
Photographs Basutoland * 16 Ag 52
Photographs Howard Hawks' problems filming *Land of the Pharaohs* * 20 S 23

HAIR
Crew cut for women 19 JI 68
Small "chinong caps" for hair coiled up in buns 27 S 87
Northrop develops drilling technique fine enough to bore three holes in human hair 4 O 119
Louis Feder's improved toupees (Tashays), article by Robert Wallace 6 D 75

HAITI
Hurricane Hazel, map 25 O 30

HALLIDAY, HELLER
Mary Martin and daughter in *Peter Pan* 8 N 109

HALSMAN, PHILIPPE
Portraits of Ava Gardner 18 O 16

HALSTEAD, DIRCK
Photographs one-day revolt by Army officers against Guatemala's Castillo Armas * 16 Ag 28

HAMILTON SCHOOL See Schools

HAMLET
Enigma at Elsinore, amateur cryptanalyst explores castle for manuscript based on inscription cipher on Shakespeare's tombstone * 9 Ag 81

HAMMARSKJOLD, DAG
U.N. Secretary General gets news Chou En-lai will meet him in Peking to discuss fate 11 U.S. airmen 27 D 13

HARDY, TOM
Oregon rancher to have one-man show metal animal sculptures 11 O 123

HARLAN, JOHN MARSHALL
Newly appointed Justice U.S. Supreme Court 22 N 41

HAROLD'S CLUB
Ernest Havemann describes dullness gambling casino in Reno, d. 25 O 64

HARRIMAN, AVERELL
Democratic party's city bosses pick for New York gubernatorial nomination 20 S 30
Wins gubernatorial nomination 4 O 30
Opponent Ives revives scandal charges 1 N 20
Election victory 15 N 32

HARRISON, WILLIAM H.
Climax senatorial campaign in Wyo. 18 O 32

HART, DORIS
Champion in tennis tournament at Forest Hills, co-champion with Seixas in mixed doubles 20 S 146

HARVARD UNIVERSITY
Time Inc. grant for publication Adams family papers * 25 O 39

HATE
Editorial "The 'Whys' of Hate", Allport's *Nature of Prejudice* analyzes * 25 O 28

HATOYAMA, IKIRO
Japanese Diet opens, coalition deposes Premier Yoshida, installs successor 20 D 22

HATS
"Haywire" makes women's styles 26 JI 110
Reviewing stand and other features parade reflected in GI helmet 6 S 112
Small "chinong caps" cling to hair coiled up in buns 27 S 87

HAYEMANN, ERNEST
Analysis Republican fears Democratic victories in 1954 congressional and local election * 18 O 136
Article on dullness gambling casinos in Reno * 25 O 64

HAWAIIAN ISLANDS
Famed U.S. 25th Division returns to Honolulu's Schofield Barracks, scene novel *From Here to Eternity* 18 O 155

HAWKS, HOWARD
Recreates Egypt's history in *Land of the Pharaohs* 20 S 23

HAWLEY, CAMERON
Article on New Undersecretary of State Herbert Hoover Jr. * 11 O 166

HAYES, HELEN
Summer theater festival at Coonamessett, Mass., son technical assistant 2 Ag 76

HAYWIRE
Women's fashion accessories made from 26 II 110

HEADS
Long-sought skull of hero Chief Mkwawa returned to Tanganyika tribe 13 D 87

HEART
Hole in baby's heart mended, operation joins mother's bloodstream to child, d. 1 N 43

HEATHCOTE SCHOOL See Schools

HEHE TRIBE See Tribes

HELICOPTERS
Helicopter rescues battered helicopter in Ontario's Sandspit Lake 2 Ag 18

HEMINGWAY, ERNEST
Receives Nobel Prize for Literature, photo biography 8 N 25

HENDERSON, ERNEST
Sheraton Hotel Corp. buys antique furniture for Hotel Astor, buys San Francisco's Palace 1 N 98

HENDERSON, FLORENCE
Home town reunion in Owensboro, Ky. before change in Broadway show *Funny* 20 S 169
In musical *Funny* 29 N 117

HEPBURN, AUDREY
In film *Sabrina* 4 O 60

HEPBURN, DOUGLAS
Weight-lifting champion at British Empire Games 16 Ag 22

HERZOG, MAURICE
French mountain climber, portrait by Karsh 4 O 133

HIKING
University of Idaho football team finally beats Washington State College, losers hike to celebration 15 N 65

HILTON, CONRAD
Gains control Statler chain 16 Ag 33

HIMALAYAN MOUNTAINS
Italian Alpine Club conquers K2 or Mount Godwin Austen, c.p., cov. 11 O 28

HIROHITO, EMPEROR OF JAPAN
First plane flight 13 S 67

HIRSCH, ELROY ("CRAZY LEGS")
Mobbed by fans after final pro football game with Los Angeles Rams, shorn of everything but shorts and ankle bandages 27 D 13

HISS, ALGER
Leaves prison 6 D 53

HISTORY
Editorial "Toynbee and the Future"; views in final volumes *Study of History* * 8 N 36
Closing section *Study of History* acknowledges people, places, books which shaped Toynbee's mind 29 N 87

HOBBIES
Ekakala, Mont. hunts fossil bones 8 N 131

HODGES, MRS. HEWLETT
Meteorite injures in Alabama home 13 D 26

HOFFER, WOLFGANG E.
Suicide after desertion Otto John to East Berlin Reds * 23 Ag 30

HOEL, ED
California ski professional practices with roller skates under skies on hillside highway 6 D 95

HOGAN, BOBBY AND PHIL
Boys have pet burro from Mexico 22 N 120

HOGS
Hormel Institute develops pigmy breed "Mini-pigs" for medical research 29 N 83

HOLDEN, WILLIAM
In film *Sabrina* 4 O 60

HOLIDAY, JUDY
In TV color spectacular, cov. 22 N 31

HOLLYWOOD ICE REVUE
Overhead photos Barbara Ann Scott, other skaters at rehearsal 6 D 197

HOLMBERG, RON
Promising tennis player, coaching by Kramer 6 S 86

HONDURAS
Red-inspired demonstrations blame Guatemala revolution on U.S. 5 JI 8

HONG KONG
Funeral Tiger Balm King Aw Boon Haw 11 O 57
Refugees from Red China flee fire in squatter colony 13 D 28

HOOVER, HERBERT
Returns to birthplace West Branch, Iowa for 80th birthday 23 Ag 29

HOOVER, HERBERT JR.
New Undersecretary of State has pursued career independent father's fame, sketch, article by Cameron Hawley 11 O 166

HOPE, BOB
Films TV show abroad with Chevalier and Bea Lillie 6 D 121

"HOPPERS"
Acrobats invent aluminum pogo sticks on stilts 9 Ag 2

HORMEL INSTITUTE
Develops "Mini-Pigs" pigmy breed pigs for medical research * 29 N 83

HORSES RACING
At Rockingham Park, N. H., horse tails, jockey dies 19 JI 20
Queen Elizabeth's Landau last in race at Laurel, Md., despite psychiatric treatment before arrival 15 N 151

HORSES
Riders re-enact old Pony racing from Ogden, Utah and Kansas City to Colorado Springs 5 JI 93
Maureen Connolly in hospital after fall from horse, unable to defend tennis title, horses bring romance with Norman Brinker 2 Ag 30
Top U.S. show Wing Commander, c.p. 4 O 123

HORSESHEE CURVE
60th-anniversary nighttime photo celebrates 100th anniversary Pennsylvania Railroad's famous curve near Altoona, Pa. 1 N 36

HORSESHEE FALLS
Construction network dikes to divert Niagara from banks and check erosion 11 O 65

HOSPIERS
Decorated stocking tops, limestone-decorated girdle tabs hide garters 15 N 113

HOSPITALS
Theratron radiation machine for cancer developed at Francis Delafield Hospital, N.Y. 12 JI 59
Flower-Fifth Avenue Hospital clinic for mentally retarded children 18 O 122
Schweitzer's hospital in French Equatorial Africa for lepers, others 15 N 161

HOTELS
Hilton gains control Statler chain, biggest hotel deal defeats Zeckendorf 16 Ag 33
Sheraton Hotel Corp. buys antique furniture for Astor, buys San Francisco's Palace 1 N 98
Debut Spain's Infanta Dona Pilar in Portugal's Hotel del Parque 15 N 194

HOT RODS
Hot-rodders build special cars to race over sand dunes Yuma, Ariz. desert 19 JI 53

HOUSE OF LOUIS FEDER
Makes improved natural-looking toupees (Tashays), article by Robert Wallace 6 D 75

HOUSES AND HOUSING
Fixtures for outdoor home lighting bring down cost dramatic night landscapes, c.p. 2 Ag 67
Illinois builder kids claims real estate salesmen, acts out advertising slogans 23 Ag 6
Descendants' children live in historic Bedford House built in 1801 by John Jay 23 Ag 85
Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108
School shortage, housing projects become class rooms, Linda Man development outside San Francisco, Centereach, L. I. 20 S 63
Life plan to merge carport into multipurpose area, c.p. 4 O 52
Charmwood boarding house in Denver 4 O 154

INDIA
Red China's Chou En-lai visits 12 JI 33
Nationalists' (satyagrahis) invasion Portuguese colony Goa fizzles out as Goans pray to St. Francis 30 Ag 29
U. N. delegate Krishna Menon confidante of Nehru, troublemaker for West but comfort to Reds, sketch 25 O 146
Solar stove exported to U.S. 22 N 137

INDIANA UNIVERSITY
Big Ten look and way of life, c.p. 26 O 99

INDIANAPOLIS, IND.
Eight policemen wounded in gun battle with mental patient shooting from house 11 JI 16

INDIANS
Fort Peck Reservation celebrates at Poplar, Mont., fourth anniversary oil discovery 11 O 192
Pakistan's premier visits, becomes member Montana's Blackfoot tribe, c.p. 8 N 52

INDOCHINA
Vietnamese attempt to flee Hanoi Red River delta abandoned to Reds by French, map 12 JI 10
Vietminh-French cease-fire conference 19 JI 18
Geneva Conference: Mendes-France seeks cease-fire, week of forced-draft diplomacy, Eden and Mendes-France meet Dulles in Paris, U.S. renews representation 26 JI 29

Brazil
Rio de Janeiro apartment house collapses suddenly 27 S 37

Japan
16th Century style house shipped from Japan reconstructed in Museum of Modern Art 23 Ag 71

Venezuela
Building boom, c.p. 13 S 122

HOUSTON, TEX.
Biggest dog vaccination drive to combat rabies 11 O 127

HOWELL, CHARLES
Representative campaigns for U.S. Senate in New Jersey 4 O 32
Election defeat 15 N 30

HOWRY, DOUGLASS H.
Somascope invention produces sound wave portrait dissects tissues invisible to X-rays 20 S 71

HUDSON, ROCK
Stardom in *Magnificent Obsession* after long slow career 6 S 51

HUGHES, EMMET JOHN
Article on new French Premier Mendes-France * 19 JI 84
Article on threat Communist power in Italy * 30 Ag 92
Article on Anthony Eden * 15 N 175
Article on Great Britain's economic prosperity 13 D 134

HUMPHREY, GEORGE
Role in getting iron ore deposits out of Lingava Peninsula * 16 Ag 26
New tax law contains most reforms proposed by 16 Ag 26

HUMPHREY ACT
Editorial "Are Communists People?", new law outlawing party in U.S. * 27 S 22

HUNTING
15 million U.S. hunters, greatest season ever, clubs, corporations sponsor trips in North west 22 N 33

HURLING
County Cork, All-Ireland champions, triumph over all-star New York team 22 N 85

HURRICANES
Hurricane Carol hits Long Island and New England, map 13 S 35
Coast Guardsman walking against Hurricane Edna's winds at Montauk 27 S 12
Drenched kitten during Hurricane Hazel 28 O 29
Hurricane Hazel's destruction from Harrisburg through U.S. to Hudson Bay, map 25 O 30

HUSS, DWIGHT
Recollections first great automobile tour 30 years ago 12 JI 100

HYDROFOILS
Revolutionary boat designs fly atop water with unlike hydrofoil structures just under surface, U.S., German, Canadian models, cov. 27 S 56

HYDROGEN BOMB See under Atomic bombs

HYMNS
 Gospel singer Mahalia Jackson makes over \$100,000 29 N 63

ICE SKATING
Skater's blade biscuits apple on partner's head 9 Ag 100
Overhead photos Barbara Ann Scott, Holly wood Ice Revue rehearsal 6 D 197

IDAHO
Climax congressional campaign, c.p. 18 O 30
Three brothers use airlift to school, ride basket car from canyon to ridge top 1 N 81
Lead-lined locomotive moves men and equipment through radioactive areas at AEC's National Reactor Testing Station 29 N 111

IDAHO, UNIVERSITY OF
Finally beats Washington State football team, losers hike to celebration 15 N 65

ILLINOIS
Election campaign climaxes, c.p. 18 O 24
Douglas wins Senate re-election 15 N 32

ILLINOIS, UNIVERSITY OF
German girl gets degree in year 6 S 44

IMDADULLAH, FIRZANA
Pakistani representatives in Canada greet new born baby with Moslem ceremonies 12 JI 51

INDIA
Red China's Chou En-lai visits 12 JI 33
Nationalists' (satyagrahis) invasion Portuguese colony Goa fizzles out as Goans pray to St. Francis 30 Ag 29
U. N. delegate Krishna Menon confidante of Nehru, troublemaker for West but comfort to Reds, sketch 25 O 146
Solar stove exported to U.S. 22 N 137

INDIANA UNIVERSITY
Big Ten look and way of life, c.p. 26 O 99

INDIANAPOLIS, IND.
Eight policemen wounded in gun battle with mental patient shooting from house 11 JI 16

INDIANS
Fort Peck Reservation celebrates at Poplar, Mont., fourth anniversary oil discovery 11 O 192
Pakistan's premier visits, becomes member Montana's Blackfoot tribe, c.p. 8 N 52

INDOCHINA
Vietnamese attempt to flee Hanoi Red River delta abandoned to Reds by French, map 12 JI 10
Vietminh-French cease-fire conference 19 JI 18
Geneva Conference: Mendes-France seeks cease-fire, week of forced-draft diplomacy, Eden and Mendes-France meet Dulles in Paris, U.S. renews representation 26 JI 29

French-Vietminh truce at Geneva, Communist victory, Red domain half-Vietnam and port Laos; evacuation French PW, map 2 Ag 10.

France defeat free world * 2 Ag 24.

Dienhauemphu panorama shows Communists collecting war booty * Ag 16.

General De Gaulle released by Reds 20 S 32.

Reds take over Hanoi as French evacuate Hanoi 25 O 23.

Some Catholics flee by sea from Vietnam 16 O 46.

Catholic refugees from Communism celebrate Christmas in Vietnamese village Gia Kien 27 D 18.

Diplomatic service

Vietnamese Ambassador and wife in embassy in Washington, c.p. 25 S 108.

INFLAMES

Baby safe in judge's office during Rio Grande flood, guardians at window 15 H 17.

Pakistani representatives in Canada greet new born baby with Muslim ceremony 12 H 17.

Saliva test detecting sex among children 20 N 10.

Hulu in today's heart intended, operation joins mother's bloodstreams to child, d. 1 N 43.

Big family brings to family of 12 girls 8 N 32.

Roger Williams, his photos of son's first year 2 N 10.

Sculpting India: Rose Ruggetta concentrates on "motherhood" statues during three pregnancy c.p.s. 2 D 161.

Italy's sulfide bloom on first Christmas tree 25 D 27.

INSCRIPTIONS

Centuries interpret hidden in Shakespeare's folio edition for clue to *Hamlet* manuscript at Boston 3 Ag 25.

INSTITUTIONS

Ministers, leaders, income, writing glass-blowers 1954 Annual roundup 2 Ag 27.

New York microscope reveals structure 100 times larger 25 O 14.

International film festival, map 20 S 96.

Indians' Mathew Wuskas, c.p. 2 N 36.

Wise used across 100 years in Mexico 20 S 20.

Science-fiction magazine "Tertium" live in man 20 D 102.

INSTITUTIONS

More than 1,000 stranded children, Laredo, Texas, 100 miles at Thelby, N.Y., 20 O 191.

Indonesian Feminist School in Cirem 25 H 10.

INSURANCE

Men with wings big awards for clients, revives old insurance mining law 16 O 7.

Jet age gods: highest skyscrapers, Pentecostal Building, N.Y. 20.

INTERIOR DECORATION

International formulas and geometric symbols pattern the wallpaper, carpets and fabrics, 2 N 9.

INTERNATIONAL RELATIONS See individual country, foreign relations.

INVENTIONS

Parachute planes to fight planes in combat by dropping wing explosions from bullets in four corners 2 N 151.

X-ray microscope reveals structure tiny insects, plants, metals, c.p. 13 S 137.

Sound location device reduces sound wave contrast, diseased tissues invisible to X-rays 20 S 71.

Young's ladder exhibits cubical structure to provide two living levels in one room apart 20 D 91.

Fusee jacketable Party Nail 25 D 87.

Vanquish and "three" radioactive gold bullets into tumors 25 N 50.

IRELAND

World air Show Off-duty, Dublin miners grant paydays 20 S 68.

Edsel paint dashes into River Shannon, estimates savings in mud and life rats 20 S 15.

ISLISH

America looks All-Iceland, including champions from over all-star New York team 22 N 14.

Lionizing Johnson sets nonstop record with 100% hitting 127 holes 22 N 120.

IRISH SEA

Movie model Moby Dick missing 22 N 82.

IRON

Ballard: An Accomplishment in Canada? Castro-Humphreys' role in getting ore exports out of Uruguay Peninsula, others in control 16 Ag 26.

IRVIN, MONTE

Assault of personality of New York Giants' Willie Mays 13 S 137.

ISAACS, MR. AND MRS. KEN

Exhibit odd cubical structure to provide two living levels in one-room apartment 21 O 91.

ISELLIN FAMILY

Descendants John Jay live in historic Bedford House 22 Ag 85.

ISLANDS

Island living in U.S., aerial views islands for sale 2 H 51.

European beauty tours isles of Greece 20 S 181.

ITALIAN ALPINE CLUB

Conques K2 or Mount Godwin Austen, exclusive pictures, c.p., cov. 11 O 28.

ITALY

De Gasperi dies in retirement at beloved mountain villa 20 Ag 24.

Communism powerful threat despite economic and social gains, Togliatti's "state-within-a-state" organization, article by Emanuele Hughes 30 Ag 92.

Mount De Gasperi, funeral procession 6 S 29.

Trustee celebrates settlement disputed zone 18 O 36.

Friars of Caprarola near Rome enjoy Yo-yo-like game "Spinning Wheel" 25 O 131.

Astral intruders reported in, d. 29 N 133.

Cities and towns

Florence

Fake antiques, expert ages furniture overnight 25 O 91.

Milan

Communist party strength 30 Ag 96.

K2 See Mt. Godwin Austen

KAHANE, MELANIE

Co-designer Lives plan to merge carport into multipurpose area * 4 O 52.

KAIN, KAREN

Rides saddled Jersey cow as horse 30 Ag 38.

KANE, CAROL

Photos show frightened secretary on first plane flight 6 S 2.

KANSAS

Midwest heat wave, 100° weather, map 26 Jl 23.

KANSAS CITY, KAN.

Riders re-enact Pony Express race to Colorado Springs to publicize Ogden Junior Chamber of Commerce convention 5 Jl 93.

KANSAS CITY, MO.

Plastic and steel bulb becomes American Herkford Assn. monument atop pylon near stockyards 25 O 34.

KAPLAN-MARMOR, MICHELINE

French expatriate artist in New York Left Bank colony 25 O 124.

KAPPA SIGMA FRATERNITY

Cloudburst causes terrible destruction, mass burn dead 8 N 30.

Lanice

Regains glassmaking superiority, centuries-old items, modern pieces, c.p., d. 2 Ag 53.

Diplomatic service

Ambassador and wife in embassy in Washington, c.p. 27 S 197.

IVES, IRVING M.

Governor Dewey drafts as successor 20 S 30.

Revives scandal charges against Hartman in gubernatorial campaign 1 N 20.

IVORY SOAP

75th birthday world's first floating soap, early ads, d., r. 19 H 64.

TWO-JIMA MEMORIAL

Colossal statue flag raising on Mt. Suribachi in transit from New York to Washington, Marine Corps memorial 20 S 128.

J

JACKETS

Mixed fur style 1 N 69.

JACKSON, MRS. CHARLEY

Bakes colossal cake for undertaker's annual birthday party, c.p. 12 Jl 110.

JACKSON, MAHALIA

Negro gospel singer makes over \$100,000 29 N 63.

JACKSON, THOMAS C.'HURRICANE'

Boxer fails to live up to buildup, Valdes fight, career 26 H 89.

JAMISON COAL CO.

Explosion takes 15 lives in model mine at Farmington, W.Va., 29 N 45.

JANICK See Arman & Janick

JAPAN

Emperor Hirohito's first plane flight 13 S 67.

Funeral Pearl King Mikimoto 11 O 57.

Former Soviet Agent Rastovoy tells how he left espionage job to escape to U.S., d. 13 D 49.

Door opens, coalition deposes Premier Yoshida, installs Hatoyama 20 D 22.

JANES, JACOB

Climax campaign for attorney general in New York 18 O 31.

JAY FAMILY

Descendants' children live in New York's historic Bedford House built by John Jay in 1801 25 Ag 85.

JAZZ

Musicians and fans at Stuyvesant Casino honor late "Hot Lips" Page 22 N 153.

JEFFERSON CITY, MO.

Bloodbath riot at Missouri State Penitentiary 4 O 34.

JESUITS

Society of Jesus in U.S., schools, history missions, r. 11 O 134.

JESUS CHRIST

Italians dedicate first underwater statue, shrine for sea divers 13 S 151.

Breughel's Christmas paintings, Nativity in Flanders, c.r. 27 D 30.

JET AGE MAN

Strategic Air Command B-47 bomber mission experiments for future flights, life saving and time-saving devices, cov. 6 D 141.

JEWS

Celebrate 300 years in U.S., c.p. 4 O 70.

JOFFROY, RENE

Finds rare Greek vase in Celtic tomb in France 13 S 86.

JOHN, OTTO

Woman shopkeeper's tip West Berlin police ignored might have prevented desertion to Reds, article by John Dille 23 Ag 30.

JOHNSON, CHARLES, JR.

Election victory in Fla. 15 N 34.

JOHNSON, HARRY

Article on Watkins Committee recommending censure Senator McCarthy * 4 O 41.

JONES, BOBBY

Four old golf pros try to duplicate 1929 putt 18 O 49.

JONES BEACH, L. I.

"Aphrodite" Nights summer theater musical, cov. 2 Ag 72.

JUAN, DON, COUNT OF BARCELONA

Debut daughter Infanta Dona Pilar in Portugal, monarchist propaganda 15 N 194.

JUDGES

John Marshall Harlan newly appointed Justice Supreme Court 22 N 41.

JUN, ALPHONSE

Portrait French general by Karski 4 O 136.

JULIANA, QUEEN OF NETHERLANDS

With Europe's royalty on tour isles Greece 20 S 151.

JUMPERS

Jumpier dresses for adults 30 Ag 87.

JUVENILE DELINQUENCY

Four Brooklyn boys arrested for beatings and two killings 30 Ag 16.

K

K2 See Mt. Godwin Austen

KAHANE, MELANIE

Co-designer Lives plan to merge carport into multipurpose area * 4 O 52.

KAIN, KAREN

Rides saddled Jersey cow as horse 30 Ag 38.

KANE, CAROL

Photos show frightened secretary on first plane flight 6 S 2.

KANSAS

Midwest heat wave, 100° weather, map 26 Jl 23.

KANSAS CITY, KAN.

Riders re-enact Pony Express race to Colorado Springs to publicize Ogden Junior Chamber of Commerce convention 5 Jl 93.

KANSAS CITY, MO.

Plastic and steel bulb becomes American Herkford Assn. monument atop pylon near stockyards 25 O 34.

KAPLAN-MARMOR, MICHELINE

French expatriate artist in New York Left Bank colony 25 O 124.

KAPPA SIGMA FRATERNITY

University of New Mexico coeds in "Miss Venus" contest * N 103.

University of Washington has four-poster pajama party 22 N 202.

KARSH, YOUSUF

Visits France, photographs 14 famous Frenchmen by birth or adoption * 4 O 129.

KAYE, DANNY

In film *White Christmas*, c.p. 11 O 158.

KC-B

Canadian Navy developing hydrofoil boat that skims atop water, cov. 27 S 56.

KEEL, HOWARD

In *Seven Brides for Seven Brothers* 26 Jl 53.

KELLY, GENE

In *Brigadoon*, c.p. 9 Ag 94.

KELLY, WALT

Sketches Watkins committee investigation censures Senator McCarthy 13 S 53.

Drought in Georgia's Okefenokee Swamp puts cartoon *Pogo* in pickle * 22 N 134.

KENTUCKY

U.S. Senate candidates at fair in election campaign climax, c.p. 18 O 26.

Barkley wins Senate race 15 N 32.

KHUFU (CHEOPS), PHARAOH

Howard Hawks recreates era in *Land of the Pharaohs*, building tomb 20 S 23.

KIANG RIVER

Red Chinese gunboats burn after Nationalist air attack 11 O 38.

KIBA, STEVE

U.S. airman Red China imprisoned as "spy," family's bleak Thanksgiving 6 D 36.

KIETS

College girl fashion extra short skirts, fancy underpants 2 Ag 60.

KIMURA, MITSUKO

Love's Japanese cover girl who became movie star marries nice 6 D 111.

KINDERLIFT See Aviation

KITCHENS

General Electric's colored appliances, c.p. 13 D 114.

KITES

Man on water skis held aloft by giant kite flies 65 feet above water 5 Jl 96.

KITIMAT, B. C.

Aluminum Co. of Canada nears completion largest aluminum smelter and electric power project, c.p., map 23 Ag 48.

KITS

Four do-it-yourself fashion packages, c.p. 12 Jl 63.

KNIGHT, GOODWIN J.

Webs widow Virginia Carlson 16 Ag 41.

KNOWLAND, WILLIAM

Anti-Administration actions incompatible for Senate majority leader * 13 D 32.

KNOWLES, C. S.

Phenix City, Ala. elects reform candidate city commissioner 4 O 49.

KOREA

See also War—Korea

Rhee's address to U.S. Congress suggests restoring balance power against Reds in Asia by liberating China through revival Korean war * 9 Ag 14.

KOSLOW, JACK

Among Brooklyn boys arrested for beatings and two killings 30 Ag 16.

KRAMER, JACK

Coaching 13 young tennis players in U.S. at attempt to regain world supremacy 6 S 86.

KROGER FOOD FOUNDATION

Children given free reign in supermarket to learn preferences 2 Ag 49.

L

LABOR

See also Employment; Strikes; Unions

Editorial "Labor Completes a Revolution" * 4 O 36.

Help for mentally retarded children, job training 25 O 138.

Migratory

National Council of Churches sends mobile trailer chapel to serve migrant atomic plant builders in Ohio 16 Ag 69.

LA BRADOR (SHIP)

Charts Northwest Passage, c.p. 29 N 102.

LA CEDDELLI, LINO

Italian Alpine Club conquers K2 or Mount Godwin Austen, c.p. 11 O 30.

LAFAYE, GEORGE, & CO.

French nightclub foursome in New York, work in dark, puppet cello act, other 1 N 62.

LAIKES

Marilyn Bell Canada's heroine swimming Lake Ontario after Florence Chadwick gave up 27 S 63.

Uranium strike at Shirley Lake in Alaska 15 N 38.

LAKS, VICTOR

French expatriate artist in New York Left Bank colony 25 O 124.

LANCASTER, BURT

Stars in *Uva Cruz* 20 D 80.

LANDAU

Olive Elizabeth's horse comes in last at Laurel, Md., despite psychiatric treatment before arrival 15 N 151.

LANDMEIER FAMILY

TV series from Illinois farm 2 Ag 38.

LANDSCAPING

Fixtures for outdoor home lighting bring down cost dramatic night landscapes, c.p. 2 Ag 67.

Art indoors and out gives California home on 100-foot plot privacy and view, c.p. 15 N 120.

LANDY, JOHN

Beats Bannister's under-four-minute mile in Finland 5 Jl 63.

British Empire Games, Bannister beats in mile, race time 3:59.6 to Bannister's 3:59.8 16 Ag 17.

Cuts on foot, revealed after British Empire Games 23 Ag 37.

LANGE, DOROTHEA

Photographs three Mormon towns in Utah * 6 S 91.

LANTERN

Hydrofoil boat that skims atop water being developed by U.S. Navy 27 S 56.

LARDNER, RING, JR.

Ex-Red hunting Congressman J. Parnell Thomas describes encounters at Danbury prison with Communist jailmate he helped convict, d. 4 O 138.

LA SALLE COLLEGE

Outstanding basketball player Tom Gola 20 D 85.

LAST FRONTIER

Tiger in Marilyn Maxwell's act at Las Vegas night club balks on stage, gashes actress' foot in pool 6 S 22.

LAWN BOWLS

Event at British Empire Games 16 Ag 22.

LAWYERS

Army Council Joseph Welch writes own impressions lessons Army-McCarthy hearings, cov. 26 Jl 96.

Melvin Belli personal injury lawyer, courtroom props and techniques win big awards for clients 18 O 71.

LEADER, GEORGE M.

Elected governor in Pennsylvania 15 N 32.

LEAKE, BUDDY

University of Oklahoma halfback, run or pass option play newest tactic 20 S 111.

LE CORBUSIER, EDOUARD

European architect living in France, portrait by Karski 4 O 132.

LEEN, NINA

Photographs city adaptations women's suburban styles * 11 O 116.

Photographs Big Ten look and way of life at Midwest colleges * 25 O 95.

LEGS

Decorated stocking tops, rhinestone-decorated girdle tabs to hide garters 15 N 113.

LEHMAN, ROBERT

Art treasures at Metropolitan Museum, c.p. 9 Ag 63.

LEPROSY See Diseases

LERCARO, GIACOMO CARDINAL

One of Italy's strongest anti-Communist leaders 30 Ag 102.

LETCHWORTH VILLAGE

State institution at Thiebelle, N.Y., for mentally retarded children 18 O 101.

LAIAQAT ALI KHAN, BEGUM RAANA

Widow Pakistan's first prime minister first Moslem woman ambassador as envoy to Netherlands 25 O 102.

LIBERCHIMPSKI See Chimpanzees

LIBERMAN, ARCHIE

Photographs Illinois home builder, kidding claims real estate salesmen * 23 M 6.

LIBERMAN, JEROME

Among Brooklyn boys arrested for beatings and two killings 30 Ag 16.

LIFE (PERIODICAL)

Expedition to Surinam (Dutch Guiana) for research on rain forest 20 S 105.

Plan to merge carport into multipurpose area, c.p. 4 O 52.

Reviews Photographer Alfred Eisenstaedt's 25 years, memorable pictures 29 N 1.

Cover girl Mitsuko Kimura who became movie star marries nice 6 D 111.

Editorials

Conformity and Freedom: U.S. system assures freedom despite trend conformity, see Red label, McCarthy abuses, Oppenheimer case * 5 Jl 14.

Virtue in the U.S. System: cartoons on Jackson, Taylor and Grant, r. 5 Jl 14.

"Agonizing Reappraisal": urges U.S. shift alliance emphasis from Red-appeals to powers to smaller more resolute allies, Rostrum identifies H-bomb war with U.S. * 12 Jl 14.

The Lions Are in the Streets * 19 Jl 16.

The Chord of a Choir: 25th anniversary Mormon Salt Lake City Tabernacle choir on radio * 26 Jl 20.

An Expert Rating of McCarthy * 26 Jl 20.

Indochina and the Next Emergency * 2 Ag 24.

One Red Challenge We Should Not Meet: Russia's mobilization sports for propaganda will probably win 1956 Olympics, U.S. should not forsake purpose of sports to compete * 2 Ag 24.

Difficult Question from the Far East: Syngman Rhee's address to U.S. Congress * 9 Ag 14.

A Hopeful Note from the Middle East: Britain's evacuation Suez paves way for Egypt to join Free World alliance * 9 Ag 14.

Russia's mobilization sports for propaganda will probably win 1956 Olympics, U.S. should not forsake purpose of sports to compete * 2 Ag 24.

An Accomplishment in Canada: Humphrey's role in getting iron ore deposits out of Ungava Peninsula * 16 Ag 26.

A Beginning in Washington: new tax law * 10 Ag 26.

Hunger Makes All Men Brothers: urges U.S. send food to famine victims China's worst flood 23 Ag 26.

Fantastic Summer Realities: strange or silly events in U.S. * 30 Ag 18.

An Amusing Summer Fantasy: Russian commentator's propaganda about miserable conditions in U.S. * 30 Ag 18.

British Folly Abroad: criticism Labor Party visit to Russia and China * 6 S 16.

British Wisdom At Home: Lord Strang defines cold war * 6 S 16.

A Path to Peace Through Prayer: World Council of Churches meeting fosters Christianity to halt Communism and H-bomb, Eisenhower urges worldwide prayer * 13 S 48.

A Governor's Meaning to Democracy: Dewey retiring, special salute * 20 S 36.

A Treaty's Meaning for Asia: eight nations sign Manila Pact * 20 S 36.

Are Communists People?: Humphrey Act outlawing party in U.S. tempered by laws protecting rights of individuals * 27 S 22.

Cinerama in Damascus * 27 S 4.

Labor Completes a Revolution * 4 O 36.

How to Help the Communists: white supremacists demonstrating over nonsegregation Negroes in schools aid Soviet propaganda in film *Silvery Dust* * 11 O 36.

For the Nation-Minded Voter: reasons to elect Republican Congress * 11 O 36.

Diplomacy's Triumphs and Limits; London conference on German rearmament * 18 O 38
A Cultural Explosion; 25th anniversary CBS broadcast New York Philharmonic * 18 O 38
New Tricks; Reuther leads Fair Dealers in blowing up Defense Secretary Wilson's remark on dogs in relation to unemployed * 25 O 28

The "Why's" of Hate; Allport's book *The Nature of Prejudice* * 25 O 28
The Campaign Issues; If Any; congressional election campaign * 1 N 30
Through Traffic; New York gets second award for best pedestrian safety record * 1 N 30
Toivonen and the Future; views in final volumes *Study of History* * 8 N 36
A Better Chance For Progress; congressional and state elections * 15 N 43
Moscow's "Genial Reappraisal"; friendlier policy toward satellites, West, and U.S. * 22 N 40
Stand Fast by Free China! * 22 N 40
Thanksgiving and Plenty * 29 N 22
And Some Scarcities; U.S. school and road shortages * 29 N 22
Jet Age I: Advice to the Grounded; safe driving * 6 D 48
Jet Age II: Outlook For the Airmen * 6 D 48
Time For an End?; Senate's condemnation McCarthy may lead to his eclipse * 13 D 32
Time For a Start?; Senate vote on McCarthy Republican split * 13 D 32
How High Is Up For Stocks?; cartoon 20 D 20
Christianity and Politics * 27 D 18

LIGHTING
Fixtures for outdoor home lighting bring down cost dramatic night landscapes, c.p. 2 Ag 67
University of Washington students light new dorm with giant WU for homecoming football game, c.p. 29 N 52

ILLIEN, C. WALTER
Doctor mends hole in baby's heart 1 N 43

ILLIEN, BEA
Bob Hope films TV show abroad with British comedienne 22 N 24

MC DONALD, MARION

Canadian Air Force nurse parachutes into woods in test rescue sorties 25 O 55

MC DONALD, TORBERT

Wins Senate election in Massachusetts 15 N 34

MC DOUGALL, ANGUS AND BETTY

Party guests lie on floor, try to get nickels off noses 27 S 154

MACHINES

Theratron radiation machine treats cancer 12 H 59

MACKINAC STRAITS BRIDGE

Two huge caissons for new Michigan bridge built on land, floated and towed to site 15 N 98

MC LAUGHLIN, MRS. WYATT

Texas farmwoman's halters support turkeys' sagging crop * 22 N 93

MC LEISH, KENNETH

Eyewitness account undersea dive in French Navy's bathyscaphe 27 S 89

MC NAMARA, PATRICK

Wins Senate election in Michigan 15 N 33

MAUDRODAM

Miniature Dutch city in The Hague 18 O 64

MAGAZINES

Pin-up photos cools get humor magazine *Flatiron* suspended at University of Colorado 20 D 32

MAEGLIS, SAL

Giants pitcher wins National League pennant 4 O 34

MAGNETISM

Kansas science teacher uses homemade robot to teach principles 13 D 74

MAINE

Democrats play up Muskie's unexpected victory in gubernatorial election 27 S 26

Scared photographer's photos of moose who floated down river to Lewiston 1 N 35

MALENKOY, GEORGI

Former Russian MVD Agent Rastvorov tells how clique thwarted Beria plots, d. 29 N 18

MALEY, JEAN

Deaf girl wins deaf man 29 N 56

MALRAUX, ANDRE

French novelist, portrait by Karsh 4 O 129

MAMBO

Song and dance fad in U.S. 20 D 14

MAN

Discovery in Texas 20,000-year-old skull ice age Midland Man earliest human found on American continents 12 J 35

MANHATTAN BRIDGE

Would-be suicide changes mind at sunset 30 Ag 21

MANILA PACT

In Manila seven nations join U.S. in signing defense treaty for Southeast Asia 20 S 34

Editorial "A Treaty's Meaning for Asia" * 20 S 36

MANUFACTURERS TRUST CO.

Glass-walled bank on Fifth Ave., N.Y., c.p. 25 O 62

MANUSCRIPTS

Hamlet enigma at Elsinore, amateur cryptanalyst explores castle for manuscript based on inscription cipher on Shakespeare's tombstone * 9 Ag 81

MAO TSE-TUNG

Former Soviet Agent Rastvorov tells how Stalin pushed into Korean war, d. 6 D 175

MAPS

Uranium boom country 19 J 15

Expanding road network superhighways spanning northeast U.S., New York Thruway, others 19 J 76

Overheated areas in U.S., bad spell of 100° weather in Midwest, other states 26 J 22

Hurricane Carol moves up east coast, hits Long Island and New England 13 S 40

Controversy Dixon-Yates plan for AEC, utility empires border TVA 8 N 34

ARCTIC

Charting Northwest Passage 29 N 102

Europe

EDC dies in French Assembly, how West's defense of Europe was planned, alternatives without France offered by Germans, forbidding picture of Europe which could face U.S. 13 S 42

ARTHUR, JAMES

Technical assistant to mother Helen Hayes in summer theater festival 2 Ag 76

AVOY, THOMAS D.

Photographs anti-French Moroccan riots * 23 Ag 13

Photographs trial French farmer for murder of British family * 13 D 22

CABE, PETER

Rabbit named Harvey shepherds 10 sheep on farm 4 O 75

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

ARTHUR, JAMES

Technical assistant to mother Helen Hayes in summer theater festival 2 Ag 76

AVOY, THOMAS D.

Photographs anti-French Moroccan riots * 23 Ag 13

Photographs trial French farmer for murder of British family * 13 D 22

CABE, PETER

Rabbit named Harvey shepherds 10 sheep on farm 4 O 75

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

Trader John swaps newlyweds' unwanted presents in Minneapolis home 13 S 108

ERIC THETER

Opera returns to Chicago 15 N 53

THAM ST. ANNES See under Great Britain

M

EDIE, JOHN

MISSOURI STATE PENTITENTIARY See Crime—Prisons

MISS VENUS University of New Mexico coeds try to fit into plywood body cutout in beauty contest * N 109

MRI. CHARLIE \$2.5-million drilling barge sinks to bottom of Mexico, anchorage for drilling oil wells 14 N 62

MEITMAN, MELVIN Among Brooklyn boys arrested for beatings and two killings 30 Ag 16

MORY DICK Movie model of whale missing in Irish Sea 22 N 52

MODELS, FASHION Photographers' model works in smelter's arc furnace after hours 9 Ag 69

MONTE CARLO Arrows strike stewardesses and pilot in Norman Mailer's 30 Ag 14

MONTEZUMA Model prepares to model bikini at Paris fashion showings, c.p. 6 N 12

MOON, GEORGE Parkinson's病患者 suggests humorously to his doctor "I'm fine." 30 Ag 12

MOLOTOV, VLACHEKAV Soviet Foreign Minister Molotov France seeks second Indochina 26 H 94

MONKEYS Monkey, trained to shoot from howler, c.p. 20 S 40

MONKS Monks in Buddhist monasteries in Rome enjoy Yogi-like "Sleeping When" 25 H 53

MONROE, MARILYN Monroe's first soloistic songs in New York, first soloistic records in Manhattan 27 S 71

MONTE CARLO Casino room party in Monaco 29 N 362

MONTE-CARLO, POINT, N.Y. Rock-and-roll walkin' nightspot Horstman's 22 N 12

MONTE CARLO Moon-making baby charms Northwest Passage from North Magnetic Pole, c.p. 6 N 15

MONTGOMERY WARD & CO. Wal-Mart's efforts to seize control 5 S 28

MONTONI, ELECCO Montoni's wife, rival Castile Arms, wins 200 in Guatemala 12 H 21

MOND Mond's new sources, armchair uses, 200 to study sun's heat, earth's size, 10 N 10

MOORE, ELISABETH L. Moore's forces division chairman and sister-in-law battles in some Asian countries 20 N 10

MOORE, GARRY Garry Moore's \$7,000 in nickels after action against Nazis on TV show 27 S 119

MOOSE Moose losses on road to trunk from jaded 11 O 10

MOSCOW Second meteorologist's plastic Maine house won't float down river to Lewiston 1 N 31

MORAVIANS Old 500 in NC Winston-Salem stocks rice to reseed settlement 22 O 166

MORMONS See Church of Jesus Christ of the Latter Day Saints

MOROCCO Oriental girls, like as France cutters, bring off their demand return exiled Sultan Muhammad bin Youssef, history, 12 Ag 17

MORSE, RALPH Photographs British Empire Games in Vancouver * 16 Ag 17

MOSER, TAD Pools talent with TV playwrights for NBC's "Playhouse 25 O 81

MOSLEM Pakistani representatives in Canada greet newborn baby with religious ceremonies 12 H 54

MOUNTAIN CLIMBING Italian Alpine Club conquers Himalayan peak K2 or Mount Godwin Austen, exclusive pictures, c.p., cov. 11 O 28 *

MOUNTAINS Charcoal makers in foggy forest on Costa Rica's Talamanca mountain 8 N 16

MT. BAKER Wildest ski weekend closes season in July 2 Ag 92

MT. GODWIN AUSTEN Italian Alpine Club conquers Himalayan peak K2, c.p., cov. 11 O 28

MT. SURIBACHI Statue flag-raising on Iwo Jima in transit from New York to Washington, Marine Corps memorial 20 S 128

MOVING PICTURES

Brooklyn theater operator protests new 5% admission tax, chromed penny campaign, Treasury crackdown, kids' counterfeit pennies in roundup 2 Ag 29

EDITORIAL "Cinerama in Damascus"; U.S. overshadowed Russia at trade fair * 27 S 22

YEAR-END Potpourri musical extravaganzas, rev. 27 D 74

ADVENTURES OF HAJJI BABA: c.p., rev. 27 S 31

ADVENTURES OF ROBINSON CRUSOE: rev. 23 Ag 59

BRAVE, LOVE AND DREAMS: rev. 20 S 125

BRIGADOON, c.p., rev. 9 Ag 94

CARMEN JONES, rev., cov. 1 N 87

COUNTRY GIRL: Crosby may win Oscar 6 D 106

DEAR IN MY HEART, rev. 27 D 75

DESIRE, rev. 22 N 197

DRAUGNET, rev. 30 Ag 50

GATE OF HELL, c.p., rev. 15 N 88

GREEN DEMON, c.p., rev. 15 N 88

HELEN OF TRACY: Roman movie extra's battlefield death scene 11 O 189

HORIZONS OF HOPE: cartoon explains new cancer weapons, how disease begins, c.r. 6 D 10

INPIRE'S DARING: elephants painted rainbow colors, c.p. 23 Ag 42

LAND OF THE PHARAOHS: Howard Hawks recreates great era, Egyptians re-enact building tomb Pharaoh Khufu (Cheops) 20 S 23

LITTLE KIDNAPPERS: Britain's new star 5-year-old Vincent Winter enjoys watching his film 13 S 103

MAGNIFICENT OBSESSION: Rock Hudson attains stardom, Sara Shane's career takes dip 6 S 51

MR. HULOT'S HOLIDAY, rev. 5 Jl 37

Moby Dick: model of whale missing in Irish Sea 22 N 52

NAPOLÉON, rev. 22 N 197

IN THE WATERFRONT, rev. 19 H 45

ROAR, HINDU, rev. 16 Ag 88

Romeo and Juliet, c.p., rev. 6 D 133

SALOMÉ, rev. 4 O 60

SEVEN BRIDES FOR SEVEN BROTHERS, rev. 26 Jl 53

SILVER DUST: Russians' hate-America film, rev. 11 O 83

SO THIS IS PARIS, rev. 27 D 75

STATE IS BORN, Judy Garland's comeback, in line for Oscar, cov. 13 S 163

SINATRA: Sinatra attempts to assassinate U.S. residents compared with real-life assassin, rev. 25 O 134

THREE'S NO BUSINESS LIKE SHOW BUSINESS, rev. 27 D 74

HERE FOR THE SHOW, rev. 27 D 74

GET ON UP, 15 N 93

ERA CENA: pratfalls in film on Mexican revolution, 20 O 80

WHITE CHRISTMAS, c.p., rev. 11 O 158

ACTORS AND ACTRESSES

Pier Angeli acts out flight of fancy to country woods and stream, cov. 12 H 68

TV ACTRESS: Eva Marie Saint stars in *On the Waterfront*, cov. 19 Jl 45

Rock Hudson attains stardom in *Magnificent Obsession*, Sara Shane's career takes dip 6 S 51

STARLET gets out stock emotions of silent screen * 8 N 24

GOING LALAHINGIDA: self-made chart key to LalaHingida, rev. 15 N 88

JAPAN

OUTSTANDING FILMS: *Egyptian Gate of Hell*, *Golden Phoenix*, c.p., rev. 15 N 88

Russia

HARE American film *Silver Dust*, rev. 11 O 83

MUNITIONS

Workers fire exploding fireworks factory 26 H 21

ROCKETS

Composite photo records 104 rockets in blast from Scorpion F-89D jet fighter, c.p. 16 Ag 74

MURALS

Matisse's last work before death paper design for ceramic mural, c.p., cov. 13 D 42

MURDER

Four Brooklyn boys arrested for beatings and two killings 30 Ag 16

SINATRA attempts to assassinate president in film *Sleuth* compared with real-life assassin, d. 25 O 134

In Cleveland, state builds case against Dr. Shepard, accused killing pregnant wife, d. 25 N 44

Trials French farmer for murder Briton Sir Jack Drummond and family, own son as co-accuser, verdict guilty 13 D 22

Dr. Shepard awaits verdict 27 D 12

MUSEUMS

Art treasures amassed by Lehman family at New York's Metropolitan Museum, c.p. 9 Ag 63

19th Century style Japanese house reconstructed in yard New York's Museum of Modern Art 23 Ag 71

MUSIC

See also Chorus; Orchestras; Songs

25th anniversary broadcasts New York Philharmonic * 18 O 38

Chimpanzee's comedy act as singing pianist Liberechimski 15 N 124

Musicians and jazz fans at Stuyvesant Casino honor late "Hot Lips" Page 22 N 153

West Point organist Mayer retires at 72 27 D 23

INSTRUMENTS

President Eisenhowers wince as grandson tries out new drum 2 Ag 23

Three musicians create impression TV hero playing violin 11 O 133

MUSKE, EDMUND

Democrats play up unexpected victory in Maine gubernatorial election 27 S 26

MUSK OXEN

John Teal Jr., expedition roundup almost extinct musk oxen in Canadian Arctic to breed in U.S. 27 S 127

N

NAGAKO, EMPRESS OF JAPAN

First plane flight 13 S 67

NAGIB, MOHAMMED

Egypt's president ousted second time, Premier Nasser accuses plotting with terrorists 29 N 28

NALEK, JAMES

B-47 jet bomber mission 6 D 142

NANTUCKET

Hurricane Carol 13 S 36

NAPOLEON BONAPARTE

French film *Napoleon*, U.S. film *Desiree* 22 N 197

NASH, OGDEN

New pop song *I Bunch of Bananas*, preview TV quiz show in rhyme 12 Jl 77

NASH, RICHARD

Pools talent with TV playwrights for NBC *Television Playhouse* 25 O 78

NASSAU COUNTY, N.Y.

Community plan for care mentally retarded children 18 O 126

NASSEN, GAMAL

British evacuation Suez paves way for Egypt to join U.N.-World alliance * 9 Ag 14

BRITISH SIGN AGREEMENT

Agreement to pull out of Suez 9 Ag 21

Egypt's premier accuses President Naguib of plotting with terrorists, Naguib ousted second time 29 N 29

NATHANSON, THADEE

Vuillard's painting of patron and wife, c.r. 1 N 78

NATIONAL ASSN. FOR RETARDED CHILDREN

Help for mentally retarded, Part I 18 O 119

Part II 25 O 138

NATIONAL COUNCIL OF CHURCHES

Mobile trailer chapels serve migrant atomic plant workers in Ohio 16 Ag 69

NATIONAL EDUCATION ASSN.

Tevis woman elected president at convention 12 Jl 85

NATIONAL REACTOR TESTING STATION

Lead-lined "mobile" moves men and equipment through radioactive areas at AEC's atom test center in Idaho 29 N 111

NECKLACES

Do-it-yourself kit c.p. 12 Jl 66

NEGROES

Basutoland retains ancient dignity, spirited children, photographs by Ernst Haas, c.p., cov. 16 Ag 52

EDITORIAL Notes demonstrations over nonsegregation in schools aid Soviet propaganda as in film *Silver Dust*, accomplishments in 1954 * 11 O 36

Baltimore students demonstrate in white schools under nonsegregation ruling 11 O 45

EDITORIAL "The 'Why's of Hate"; Allport's *The Nature of Prejudice*, bareups over nonsegregation in schools * 25 O 28

All-white Protestant community in Cherokee, Tenn., sponsors Nigerian Catholic in U.S. for college education, article by Robert Wallace 8 N 155

NEHRU, JAWAHARLAL

Confidante U.N. Delegate Krishna Menon troubadour for West but comfort to Reds 15 O 146

NEIMAN, MARCUS CO.

American Airlines pilots' strike, stewardesses get jobs 30 Ag 14

James Galanos wins fashion design award * 22 N 147

NETHERLANDS

Madurodam miniature Dutch city in The Hague 18 O 64

BEGUM LIAQUAT ALI KHAN first Moslem woman ambassador as Pakistan envoy 25 O 102

NETSUKE

Ancient Japanese ivory figurines carved from U.S. financier's bizarre doodles, c.p. 12 Jl 2

NEUTRONIC

American Airlines' pilot strike, stewardesses get jobs 30 Ag 14

NEUMAN, LENNART

Photographer records life in art colony 6 D 169

NOBEL PRIZES

Hemingway receives literature prize * N 25

Schweitzer wins Peace Prize * 15 N 161

NORTH ATLANTIC TREATY ORGANIZATION

EDC dies in French Assembly, prev. a German army, EDC defense plan, alternative 11 S 42

London conference on German armament caps West's triumphs, integrates Europe, dangers Red proposal for reunified Germany * 18 O 38

NATO nations make Germany 15 member pact in Palais de Chaillot c.p. 17 N 63

NORTHEAST WEATHER SERVICE

Industrial meteorologist provides forecasts for clients and companies, article by Herbert Brean 4 O 83

NORTHLAND

Detroit's ultra-modern shopping center, wire animals decorate gay walls, c.p. 10 Ag 81

NORTH MAGNETIC POLE

Fishing boat *Monte Carlo* pin-points position of Prince of Wales Island, c.p. map 29 N 102

NORTHRUP AIRCRAFT INC.

Delicate drilling technique bores three holes in human hair 4 O 119

NORTHWEST PASSAGE

Charting channels, icebreakers *Baffin Island*, *Northwind* and *Labrador*; fishing boat *Monte Carlo* pin-points North Magnetic Pole, e.p., map 29 N 102

NORTHWIND

Charts Northwest Passage, e.p., 29 N 102

NOSES

Party guests lie on floor, try to get nickels off noses 27 S 154

NOTRE DAME, UNIVERSITY OF

Debut young football Coach Terry Brennan, team wins first game of season 4 O 23

NUDELMAN, TRIPLETS

Lauh distorted reflections in Palisades Park trick mirror 26 Jl 120

NUNS

22.5 million drilling barge *Mr. Charlie* sinks to bottom Gulf of Mexico, anchorage for drilling wells 13 S 63
Texas panhandle landowners watch anxiously at test well as salt water comes in before oil 27 S 45
Indians Fort Peck Indian Reservation celebrate at Poplar, Mont. fourth anniversary oil discovery 22 N 192
AFENOKEE SWAMP Worst drought in Georgia's history, puts *Pogo* cartoon in pickle, r. 22 N 133
AKLUOK Eskimo "Abraham Lincoln" and wife in San Francisco stimulate travel to Alaska 6 D 155
ALASKA 1,571-foot TV tower near completion, man's tallest structure 20 S 163
ALASKA, UNIVERSITY OF Run or pass option play newest tactic for quarterback and halfback, spectators can watch ball 20 S 111
Outstanding football linemen 8 N 147
ID. AGE Socialist Norman Thomas celebrates 70th birth day 6 D 61
West Point organist forced to retire at 72 27 D 23
ID. NORTH CHURCH See Churches
ID. SALEM, N. C. Moravian town, Winston-Salem drive to restore settlement 25 O 166
ID. VIC COMPANY London actors tour U.S. with *A Midsummer Night's Dream*, airlift scenery c.p. 18 O 93
GYMNIC GAMES Russia's mobilization sports for propaganda will probably win 1956 Olympics, U.S. should not forsake ideals and purpose of sports to compete * 2 Ag 24
Michigan band depicts torch bearing runner, driller for 1956 25 O 47
MABA NEB. square dance festival, c.p. 13 S 181
MEGANG Brussels re-enacts medieval "walk-around" pageant with stilt-walkers as tourist attraction, copy of Charles V 2 Ag 42
SUOHA, GEOFFREY BABE IE Alloway Protestant community Cherokee, Tenn., sponsors Nigerian Catholic in U.S. for education, article by Robert Wallace 8 N 155
PERA Return to Chicago, soprano Maria Callas in Nov. 15 N 53
PENI, EMER. J. TELLERT Physician's role in U.S. decision to develop H-bomb despite opposition 6 S 61
ROCHES' RAS Howie Welb teaches Houston Youth Symphony youngsters to conduct with mirrors 26 II 1
5th anniversary broadcasts, New York Philharmonic * 18 O 38
Second sum raised for National Symphony Orchestra of Washington, D.C. at ball 19 D 1
DER. F. THE GARTER See Great Britain —Aw —
REGON Climbs U.S. Senate campaign, c.p. 18 O 27
Neuberger wins Senate race 15 N 29
ELON Ferrer's modern abstracts of ink painted on velvet, c.p. 22 N 162
NAMEIS Christ's tree decorations, wreaths, other trimmings, c.p. d. 6 D 114
Instruments and cut-out materials for Christmas star ornament with box of angels with c.p. 27 D 42
BORN, ROBERT Cartoons depict attempts to stop smoking after cancer society's report * 5 Jl 26
ERALIS Lip-smith coveralls in dressy fabrics for lounge wear 10 D 161
LEXBORDO, KY. Florence Henderson enjoys home town reunion before chance in Broadway musical *Funny 20* S 169
FLS Two owls pull on worm 6 D 216

P

PACKAGES Four do-it-yourself fashion kits, c.p. 12 Jl 63
RICKARD MOTOR CAR CO. Merger with Studebaker, auto models 6 S 59
GE, GERALDINE Stars in *The Rainmaker* 15 N 143
GE, ORAN ("HOT LIPS") Suave Casio jazz session honors late trumpet player 22 N 153
GE, JANIS On island treasure hunt with cast of *Pajama Game* 23 Ag 106
GINTINGS See also Portraits
 Friendly portrait of U.S. by visiting British Cartoonist Rowland Emett, c.r., cov. 5 Jl 42
 Lucile Corcos portrays family activities at winter country home and summer beach house, r., c.r. 12 Jl 90
 Treasures from Lehman Family collection, c.p., c.r. 9 Ag 63
 Races of 100-year-old New York Yacht Club, c.r. 30 Ag 54
 Equatorial rain forest, paintings by Zallinger, c.r., cov. 20 S 80
 Ben Shahn painter social injustice turns to more reflective mood, r., c.r. 4 O 96
 Vuillard regains lost fame, c.r. 1 N 74
 Metter's Woods in New Jersey depicted by Lissensmaier, c.r. 8 N 84
 Rayon, orlon, other industrial or odd materials achieve new effects, c.p., c.r. 22 N 160
 Starry Universe, illustrations by Bonestell and Petrucelli, c.r., cov. 20 D 46

Breughel's Christmas paintings, Nativity in Flanders, c.r., cov. 27 D 30
 Original illustrations by Johann Emanuel Wyss for *The Swiss Family Robinson*, c.r. 27 D 50
Adoration of the Magi: two versions by Breughel, c.r. 27 D 34
Bench in a Park: by Vuillard, c.r. 1 N 76
Gardens, by Vuillard, c.r. 1 N 75
House of Mallarme: by Vuillard, c.r. 1 N 77
Man with an Axe: by Gauguin, neglected South Seas scene reappears after 57 years, c.r. 13 D 127
Massacre of the Innocents: by Breughel, c.r. 27 D 36
Symphony in Red, by Vuillard, c.r. 1 N 76
PAJAMAS Nonsense styles 20 S 119
 University of Washington fraternity's four-poster pajama party 22 N 202
PAKISTAN Representatives in Canada greet new-born baby with Moslem religious ceremonies 12 Jl 51
 Begum Liaquat Ali Khan widow first prime minister first Moslem woman ambassador as envoy to Netherlands 25 O 102
 Premier Mohammed Ali on American tour, becomes member Montana's Blackfoot Indians, political crisis at home ends trip, c.p. 8 N 52
PALACE (HOTEL) Sheraton Hotel Corp. buys San Francisco hotel for \$6 million 1 N 98
PALAIS DE CHAILLOT Western diplomats meet in conferences on Europe 1 N 22
 NATO nations make Germany 15th member, pact in NATO headquarters, c.p. 15 N 63
PALEONTOLOGY Ekakala, Mont. hunts fossil bones 8 N 133
PANGOLINS Giant pangolin Pansy from Africa's unique possession Fort Worth, Tex. zool. * Ag 43
PANTOMIME George LaFaye & Co. French nightclubs four-some in New York, work in dark, puppet cello act, other 1 N 62
PANTS Male deb's debut in kneepants, stagline Chicago's North Shore spoofs coming-out parties, Milwaukee males try it too 13 S 200
PARACHUTE JUMPING See under Aviation
PARADES Brussels re-enacts medieval Ommegang "walk around" pageant with stilt-walkers as tourist attraction, court of Charles V 2 Ag 42
 Tolleson's congressional campaign in Tacoma, cov. 18 O 23
PARKS, GORDON Photographs summer theater productions * 2 Ag 71
PARKS At Chicago's Riverview Park customers whirl upside down in ride called "Flying Cars" attached to rolling drum, c.p. 19 Jl 35
 Family picnics mark typical U.S. summer Sunday at Arcadia, Calif. 6 S 108
PARTIES Annual Pryor, Okla. birthday party for undertaker features colossal cake, c.p. 12 Jl 110
 Benefit ball at imitation French peasant village once Marie Antoinette's "play town" in Versailles Palace gardens 26 Jl 114
 80 children at Houston, Tex. swimming club party dive to catch bass with hands 16 Ag 108
 Male deb's debut in kneepants, stagline Chicago's North Shore spoofs coming-out parties, backyard "beau-tiful," Milwaukee males try it too 13 S 200
 Party guests lie on floor, try to get nickels off noses 27 S 154
 Eddie Fisher and Debbie Reynolds announce engagement at Beverly Hills party 8 N 45
 Debut Spain's Infanta Dona Pilar in Portugal 15 N 194
 England's Queen Mother Elizabeth hit of ball given by Associated Commonwealth Societies of New York, c.p. 22 N 74
 University of Washington fraternity's four-poster pajama party 22 N 202
 Hollywood supper party honors Marilyn Monroe 29 N 162
 Socialist Norman Thomas celebrates 70th birthday 6 D 61
 Record sum raised for National Symphony Orchestra of Washington, D.C. at ball, Chinese auction 13 D 153
PATTI-NAIL False fingernails 25 O 87
PAUL, KING OF GREECE Host to Europe's royalty on tour isles Greece 20 S 151
PAULETTE Balmain's bridal gown model prepares to model dress at Paris fashion showings, c.p. 6 S 12
PEARL KING See Mikimoto, Kokichi
PECCHA FAMILY Pet woodchuck eats popsicles, other antics 13 S 93
PEDRAZZINI, JEAN-PIERRE Photographs European royalty's tour isles Greece * 20 S 151
PEKIN, ILL. Bourbon warehouse explodes and burns 16 Ag 30
PENNIES Brooklyn movie-theater operator protests 5% admission tax, chromed penny campaign, Treasury crackdown, kids' counterfeit pennies in coin roundup 2 Ag 29
 Milwaukee students reach midpoint in goal to raise million pennies for addition to high school 27 D 24
PENNSYLVANIA George Leader elected governor 15 N 32
PENNSYLVANIA, UNIVERSITY OF New Football Coach Sebo suffers with under-manned and overscheduled team 22 N 61
PENNSYLVANIA RAILROAD See Railroads
PERSONS FAMILY Four remarkable sons of late Frank Stanford Persons, sketch, article by Roger Butterfield 13 S 186

PETERS, JAMES HENRY Ordeal in 26-mile marathon at British Empire Games 16 Ag 24
 Reported heart condition after collapse during marathon 23 Ag 37
PETITIONS "Ten Million Americans Mobilizing for Justice" seeks signatures against Senate censure McCarthy 29 N 37
 McCarthy's supporters collect over two million signatures opposing censure 13 D 37
PETRUCELLI, ANTONIO Illustrations depict "The Starry Universe," charts of stars * 20 D 44
PFOST, GRACIE Climax Idaho Representative's re-election campaign c.p. 18 O 30
PHENIX CITY, ALA. Nation's "most sinful city" under martial rule, election reform candidate city commissioner, review had old days 4 O 47
PHILADELPHIA, PA. Exciting set new playgrounds 13 S 118
 American Philosophical Society founded by Ben Franklin meets, members exchange "useful knowledge" 13 D 93
PHILADELPHIA ATHLETICS See Baseball
PHILIP, DUKE OF EDINBURGH Squawing Canadian gundog in Ottawa * Ag 16
 Squawing Canadian gundog, in Yukon, cov. 23 Ag 22
PHILIPPINE ISLANDS Seven nations join U.S. in signing Manila Pact defense treaty for Southeast Asia 20 S 34
PHILLIPS, JOHN Photographs European royalty's tour isles Greece * 20 S 151
PHILLIPS, MORGAN Tours Red China with British Labor delegation 20 S 47
PHILLIPS PETROLEUM CO. Swabbing at test well in Texas panhandle produces oil after hours of salt water 27 S 45
PHOTOGRAPHY American Physical Society shown evidence atomic particle from outer space created greatest burst energy, antiproton collision with proton in aluminum wrapping film pack aloft with balloon 19 Jl 31
 U.S. Army Signal Corps develops huge camera with 100-inch lens can see objects 25 miles through mist and fog 26 Jl 24
 Moon's shadow aids science, astronomers use solar eclipse to study sun's heat, earth's size, c.p. 26 II 40
 Frightened secretary on first plane flight unaware stopping engine planned 6 S 2
 Photographer, parade reflected in GI's shiny helmet 6 S 112
 X-ray microscope reveals inner structure tiny insects, plants, metals 13 S 157
 Attacking rattlesnake seen from victim's view with photo device attached to balloon 4 O 16
 Karsh photographs 14 famous Frenchmen by birth or adoption 4 O 129
 Distorted wife's face reflected in kitchen utensils 11 O 14
 Mia Fonssagrives eighth-grade cheerleader, father photographs 25 O 10
 Foucault's hot water trick distorts photos to resemble madman's world 1 N 10
 Charcoal makers among twisted trees foggy forest in Costa Rica resemble eerie stage set 8 N 16
 Distorted views wife's face reflected in kitchen utensils 11 O 14
 Mia Fonssagrives eighth-grade cheerleader, father photographs 25 O 10
 Foucault's hot water trick distorts photos to resemble madman's world 1 N 10
 Charcoal makers among twisted trees foggy forest in Costa Rica resemble eerie stage set 8 N 16
 Distorted wife's face reflected in kitchen utensils 11 O 14
 Mia Fonssagrives eighth-grade cheerleader, father photographs 25 O 10
 Foucault's hot water trick distorts photos to resemble madman's world 1 N 10
 Weegee's tricks with mirrors and special lens create bizarre satirical partial portraits 29 N 10
 Life Photographer Alfred Eisenstaedt's 25 years, memorable pictures 29 N 136
 Swedish boxer looks cross-eyed as gets punch on nose 29 N 164
 Panorama Philadelphia's Municipal Stadium at start Army-Navy football game 6 D 40
 Silhouettes British soldiers scaling and leaping scaffold structure at Aldershot 13 D 14
 Wolf family's gag photo on annual Christmas card records growth since 1937 20 D 6
 Pin-up photos cards get *Flirtown* suspended at University of Colorado 20 D 32
Aerial
 New York State Thruway 19 Jl 75
 Venezuela boom land, c.p. 13 S 122
 Red Chinese gunboats burn in Kiang River after Nationalist attack 11 O 38
 Mile-long chain volunteers searches North Dakota prairie for lost boy 1 N 26
 6,000 flashbulb nighttime photo celebrates 100th anniversary Pennsylvania Railroad's Horse-shoe Curve near Altoona, Pa. 1 N 36
PICASSO, PABLO Spanish artist living in France, portrait by Karsh 4 O 134
 Portraits of blonde girl with ponytail hairdo in various art styles 8 N 119
PICK, VERNON Ordeal alone in Colorado Plateau desert land before \$10 million uranium find, article by Robert Coughlan 1 N 112
PICNICS Eisenhower and Cabinet at well-guarded picnic parley at Camp David, Md. 23 Ag 38
 Family picnics mark typical U.S. summer Sunday at Arcadia, Calif. park 6 S 108
PIGEONS Outline etched on jet plane's wing tank after mid-air collision 29 N 23
PIGS See Hogs
PIKE Hooked northern pike leaps from water, spits out spoon hook and gets away * Ag 15

PILAR, INFANTA DONA, PRINCESS OF SPAIN Debut in Portugal, daughter Don Juan exiled pretender to Spanish throne, monarchist propaganda 15 N 194
PILOTS See under Aviation
PINART, ROBERT French expatriate artist in New York Left Bank colony 25 O 124
PINZA, EZIO In Broadway musical *Fanny* 29 N 117
PIUS XI HIGH SCHOOL See Schools
PIUS XII, POPE Picture biography, cov. 13 D 129
PLANETS Starry Universe, solar system, space theories, galaxies, stars, diag., etc., cov. 20 D 44
PLANTS Rain forest in Surinam (Dutch Guiana), equatorial plant species, c.p., c.r., diag., cov. 20 S 76
 In Mettler's Woods in New Jersey, c.r., cov. 8 N 78
PLASTICS AEC's Materials Testing Reactor hottest atomic pile, radiation produces new properties polyethylene plastic 13 S 76
 False fingernails, Patti-Nail for strong tips 25 O 87
 Modern sculptors achieve new effects, c.p. 22 N 160
PLAYGROUNDS Philadelphia's new playgrounds 13 S 119
PLAYWRIGHTS '54 Six TV playwrights pool talents for NBC *Television Playhouse* 25 O 77
PNEUMATIC DRILLS Operator's empty gloves grip unattended drill like disembodied hands 27 S 158
POETRY Six sample riddle rhymes from new *Golden Nash* TV quiz show 12 Jl 78
POGO See Comic Strips
POGO PLANE See Aviation—Aircraft
POGO STICKS Acrobat own "Hoopers" invention aluminum pogo sticks on stilts 9 Ag 2
POLICE Indianapolis cops wounded in gun battle with mental patient shooting from house 12 Jl 16
 Woman shank-keeper's tip West Berlin police ignored might have prevented desertion Otto John to Reds * 23 Ag 30
 Off-duty policeman in shorts shoots escaped mental patient at captive woman's door 27 S 28
 Ohio police quickly trace robbery after chance holdup 1 N 24
 New York uncovers ticket-flying racket, cash cards given motorists by conman cops 22 N 50
POLITICS Editorial "Christianity And Politics" * D 18
POLYETHYLENE PLASTIC AEC's Materials Testing Reactor hottest atomic pile, radiation produces new properties 13 S 76
POND, DEBBIE Gazes at tick in the hay, other oversized story book figures in art studio, c.p. 20 D 44
PONTIAC MOTOR DIVISION Introduces new 1955 cars, c.p. 1 N 49
PONY EXPRESS Riders re-enact race from Ogallala, Utah, and Kansas City to Colorado Springs 3 Jl 93
POPOES Picture biography Pope Pius XII, cov. 13 D 126
POPLAR, MONT. Indians Fort Peck Reservation celebrate fourth anniversary oil discovery on reservation 11 O 192
PORCHES Lumber company teaches do-it-yourselfers how to build 30 Ag 71
POROPOSES Transported to California's oceanarium 1 N 51
PORTRAITS 6-year-old boy sets up Washington Square sidewalk stand to draw 15¢ portraits 16 Ag 63
 Vuillard regains lost fame, self-portrait, family, patrons, c.r. 1 N 74
 Picasso's series portraits of blonde girl with ponytail hairdo in various art styles, c.p. 8 N 119
 Britons protest Churchill's likeness in Parliament's gift portrait on 80th birthday, c.r. 13 D 30
PORTUGAL Debut Spain's Infanta Dona Pilar at Hotel del Parque in Estoril 15 N 194
PORTUGUESE INDIA Indian nationalists "nonviolent" invasion Goa fizzles out as Goans pray to St. Francis 30 Ag 29
POTTERY English pottery maker puts designs on bowls from oscilloscope sound patterns they make when tapped 22 N 109
POULTRY Texas farmwoman's hens support turkey's sagging crops, c.p. 22 N 93
POWELL, JANE In *Seven Brides for Seven Brothers* 26 Jl 53
PREGNANCY Saliva test forecasting sex unborn children proves uncertain 20 S 135
 Sculptor Isabel Case Borgatta concentrates on "motherhood" statues during three pregnancies 6 D 101
"PREGNANT GOOSE" See Aviation—Aircraft
PREJUDICE Editorial "The 'Whys' of Hate"; Alport's *The Nature of Prejudice* analyzes * 25 O 28
PRESCOTT, DAVID Biologist weighs amoebas, growth measured in study of how size affects cell division 25 O 109
PRESENTS See Gifts
PRESS, J. New Haven men's shop home Yale's "Ivy League Look" since 1902 22 N 69

PRICE, GEORGE Drawings of dull-moosued gamblers in Reno * 25 O 64

PRICES Continuous department stores and price-cutting discount houses, article by Herbert Brean * 9 Ag 51

PRIESTS Events in U.S. * 10 O 144

PRIMM, EVELYN Traveling country dancing lesles 14-year-old Dorothy Williamson, wife ofшеншик, * 13 S 41

PRINCE OF WALES ISLAND In Northwest Passage fishing boat *Monte Carlo* pinpoints North Magnetic Pole, c.p., map 26 N 105

PRINTS Salt Disney makes shadow prints from carvings on old tombstones * 12 N 133

PROCTER AND GAMBLE CO. Arctic anniversary world-wide heating Tests soap, carb. jobs * 19 D 64

PROPAGANDA Editorial "An Amazing Summer Fantasy"; Russian commentator's description miserable conditions in U.S. * 7 30 Ag 18

Editorial "Urgency in Higashimura"; U.S. gives shadows Russia's exhibit at trade fair in Seoul * 27 S 27

Russian star with "peace-loving" exhibit at Trade Fair in Turkey * 28 S 40

Editorial "How to Help the Communists"; state supremacists demonstrating over non-aggression Agreements to schools and Soviet diplomats as film stars *Dudu* * 10 O 10

Russia's little solar jet departs U.S. as will James H. Clark

PROTESTANTS National Council of Churches mobile trailers educate after instant atomic bomb workers in Okla. * Ag 99

Southern Assembly World Council of Churches in Batavia, Ill., works for Christian unity * 16 Ag 20

World assembly of World Council of Churches ends, new presidents * 8 Nov 1

Editorial "A Path to Peace Through Prayer"; World leaders at international meeting in Copenhagen, Denmark, in Sept. Condemns H-bomb destruction, Eisenhower urges worldwide peace * 17 S 48

Editorial "Doomsday weapons: Nuclear war with Iron Curtain" * 18 N 14

Eisenhower urges large-scale disarmament and nuclear裁军 in Hague * 20 N 10

PROTONS Proton-Phenomenon Society, shadow techniques of atomic particle transmission space generated by atomic fission, mathematical calculations, atomic fission, shadow mapping, gluons and quarks * 20 October 19 D 11

PROVIDENCE, R. I. 11th annual festival * 28 N 10

PREDENTIAL LIFE INSURANCE CO. Premiums grow 10% when subscriber * 21 N 10

PREYOR, OKLA. Arctic medical party in undertaker uniforms and gowns * 13 D 140

PEROUSE UNIVERSITY Book of art and life of life, c.p. 25 O 64

R

QUEEN'S UNIVERSITY A weekly publication at Canadian college, first book on radiotherapy wins game 1 N 130

QUEMOY ISLAND Chinese Nationalists escape in hillside shakles selected by recent Red-shafted * 27 S 23

Nationalist band under Red China siege * 28 S 24

RABBITS Rabbits whining stories about to get north bargained * 20 Ag 108

Harvey, formerly in San Francisco, has now disappears 10 sheep * 30 S 24

RABIES See Diseases

RADAR Packer planes patrolled oceans to detect enemy aircraft far off U.S. shores * 19 JI 37

RADIATION See Radioactivity

RADIO Edith Wilson salutes 25th anniversary Mormon Salt Lake City *Latter-day Church* * 26 JI 20

Page of Interest: New York *World Telegram* and Sanz' William rates Baker projects as example before Senator McCarthy's investigation * 26 JI 20

Two men ride relay power to death * 13 D 28

RADIOACTIVITY Therapeutic radiation machine treats cancer by revolving radioactive cobalt in huge jaws around patient * 12 JI 59

AEC's Materials Testing Reactor in Idaho hottest atomic pile, radiation from uranium core weakens steel, produces new properties in polyethylene plastic, preserves food, c.p. 13 S 70

Cancer gun "fires" radioactive gold bullets into tumors * 15 N 39

Lead-lined locomotive moves men and equipment through radioactive areas at AEC's Reactor Testing Station in Idaho * 29 N 111

RAFTS Rescue crewmen sunken tug *Bertha R.* in Gulf of Mexico * 20 D 24

RAILROADS 6,000 flashbulbs nighttime photo celebrates 100th anniversary famous Horseshoe Curve near Altoona, Pa. * 1 N 36

Lead-lined locomotive moves men and equipment through radioactive areas at AEC's Reactor Testing Station in Idaho * 29 N 111 Utility pole knocked over by skidding car blocks rails before surging train, Cleveland *Press* photographer's flashbulbs warn motorman, train stops safely * 27 D 12

RAIN El Dorado, Kan., still holding out after year without rain * 19 JI 26

U.S. Weather Bureau scientists make clouds in spherical laboratory to study nature's rain-making processes * 23 Ag 79

Cloudburst causes terrible destruction in Salerno, Italy, mass burial dead 8 N 30

RAIN FOREST Hyacin in Surinam (Dutch Guiana), Life expedition, equatorial giraffe rain forest, c.p., diag., map, cov. 20 S 76

RALLIES Long-winded Texas politician doused with fire hoses * 9 JI 17

Senator McCarthy's supporters at New York rally * 13 D 37

RANGER JOE CERIAL Baltimore youngsters in drawing contest win all toys they can carry 20 D 75

RASŤYOROV, YURI A. Article by former MVD agent Part I: Beria's plot to seize power thwarted by Malenkov's clique * 29 N 18

Part II: Red activities in Far East, Chinese Reds pushed into Korean War, blackmail espionage in Japan, d. 6 D 174

Part III: How he left espionage job in Japan to escape to U.S., d. 13 D 49

RAWNSLEY, DAVID English pottery maker puts designs on bowls from oscillograph sound patterns when tapped 22 N 109

REACTORS AEC's Materials Testing Reactor in Idaho hottest atomic pile, radiation from uranium core weakens steel, produces new properties in polyethylene plastic, preserves food, c.p. 13 S 70

RECHERCHE WEDDING GIFT BASEMENT Trader John swaps newlyweds' unwanted presents in Minneapolis home * 13 S 108

RECIPES Seven salads, five basic dressings * 19 JI 61

RED ROCKS, DENVER Anita Maria Albergotti sings in rain at family concert * 30 Ag 65

REFRIGERATORS General Electric's new wall type in color, c.p. 13 D 114

REFUGEES 20,000 Catholics in northern Indochina flee by sea from Communists * 6 D 46

Refugees from Red China flee in squatter colony in Hong Kong * 13 D 28

Indochinese Catholic refugees from Communism celebrate Christmas in village Gia Kim * 22 N 208

RELIGION See also individual denominations; Churches; Ministers; Nuns; Priests

Editorial "A Path to Peace Through Prayer"; World Council of Churches meeting fosters Christianity to help Communism and H-bomb destruction, Eisenhower urges worldwide prayer * 13 S 48

Editorial "Toynbee and the Future"; final volume *Study of History*, re religion as purpose civilizations * 8 N 36

Editorial "Christianity And Politics" * 27 D 18

ROBBERY Ohio police quickly trace robbers after clumsy holdup Savings and Loan Assn. * 1 N 24

ROBINS Male bird flutters frantically trying to save female accidentally hanged by string caught in power lines * 2 Ag 94

ROBINSON, JACK AND JEANNE Late plan to merge carpet into multipurpose area 4 0 52

ROBOTS Kansas science teacher uses homemade robot Magno to teach electronics, other theories to pupils * 13 D 74

ROCKETS See under Munitions

ROCKS Prospect Point cave improves Niagara Falls vista, biggest rock fall yet, d. 9 Ag 18

ROLLER SKATING California skating professionals practice on skates under skis on hillside highway * 10 D 95

ROOMS Young couple exhibits odd cubical structure to provide two living levels in one-room apartment * 11 O 91

ROOSEVELT, FRANKLIN D., JR. Loses nomination for New York governor to Harriman * 20 S 30

Democratic state convention, Harriman, agrees to run for attorney general 4 O 30

Climax campaign for attorney general in New York * 10 O 31

Case campaign for U.S. Senate in New Jersey, Democrats and fellow Republicans opponents * 4 0 32

Editorial "For the Nation-Minded Voter"; reasons to elect Republican Congress * 11 N 36

Electoral campaign climax, contests for attorney general in New York, House and Senate seats, c.p. 18 O 24

Analysis 1954 political situation, fear Democratic victories in congressional and local elections, article by Ernest Haymann, cartoon * 18 O 136

Democrats create furor over Defense Secretary Wilson's remark on dogs and unemployment, Brownson's on waiters and cabinet members * 25 O 36

Scandal charges, other events as election campaigns near climax, Eisenhower's last minute tour * 1 N 20

Editorial "The Campaign Issues—If Any" * 1 N 30

Big vote and close finish in off-election year, Democrats control House and Senate * 15 N 29

Analysis congressional and state elections * 15 N 43

Senate vote on McCarthy displays splits in party, Knowland's anti-administration actions incompatible with leadership * 13 D 32

RETARDED CHILDREN See Mentally handicapped

RETREATS Episcopal nun helps build convent and retreat house in Dallas, d. 29 N 125

REUTHER, WALTER Leads Fair Dealers in blowing up Defense Secretary Wilson's remark on dogs in relation to unemployed * 25 O 28

REYNOLDS, DEBBIE Eddie Fisher's romance with movie star causes teen-age tizzy * 13 S 185

Announces engagement to Eddie Fisher at Beverly Hills party * 8 N 45

RHEAS Long-necked bird at zoo sticks head through door latch hole * 1 N 132

RHEE, SYNGMAN Address to U.S. Congress * 9 Ag 14

RHINO* Vehicle with huge hollow hemispherical wheels travels on land, water, mud, does not tip on slopes, c.p. 30 Ag 40

RHODE ISLAND Hurricane Carol, map 8 40

RHODES, DUSTY Role in Giants' winning World Series 11 O 154

RICKET, BRANCH Explains new mathematical formula for determining what wins baseball games * 2 Ag 78

RIDDLES Rhymes from new Ogden Nash TV quiz show 12 JI 78

RIDES At Chicago's Riverview Park customers whirl upside down in "Flying Cars" attached to rolling drum, c.p. 19 JI 35

RIO GRANDE RIVER Worst flood in history * 12 JI 15

RIOTS Rio rioters defy strong-man rule of President Vargas after assassination attempt on editor and death of companion, car driven by pro-Vargas candidate for alderman set afire * 23 Ag 20

Bloodfest riot at Missouri State Penitentiary * 1 O 34

Athens students riot against American support U.N. decision postponing action on union Greece and Cyprus * 27 D 12

RIVERS Danube flood leaves 75,000 homeless, rescue operations in Germany * 26 JI 32

KLM plane crashes into River Shannon estuary * 20 S 32

RIVERVIEW PARK In Chicago customers whirl upside down in "Flying Cars" attached to rolling drum, c.p. 19 JI 35

ROADS New York State Thruway, first 115-mile stretch open, latest link network superhighways spanning northeast U.S., map 19 JI 75

Bolivia opens 312-mile highway over Andes Mountains * 8 N 63

Real deer illuminated behind luminous sign announcing deer trail on German highway * 22 N 208

Editorial notes U.S. population growth causes serious road shortages * 29 N 22

ROBBERS Ohio police quickly trace robbers after clumsy holdup Savings and Loan Assn. * 1 N 24

ROBINS Male bird flutters frantically trying to save female accidentally hanged by string caught in power lines * 2 Ag 94

ROBINSON, JACK AND JEANNE Late plan to merge carpet into multipurpose area 4 0 52

ROBOTS Kansas science teacher uses homemade robot Magno to teach electronics, other theories to pupils * 13 D 74

ROCKETS See under Munitions

ROCKS Prospect Point cave improves Niagara Falls vista, biggest rock fall yet, d. 9 Ag 18

ROLLER SKATING California skating professionals practice on skates under skis on hillside highway * 10 D 95

ROOMS Young couple exhibits odd cubical structure to provide two living levels in one-room apartment * 11 O 91

ROOSEVELT, FRANKLIN D., JR. Loses nomination for New York governor to Harriman * 20 S 30

Democratic state convention, Harriman, agrees to run for attorney general 4 O 30

Climax campaign for attorney general in New York * 10 O 31

Case campaign for U.S. Senate in New Jersey, Democrats and fellow Republicans opponents * 4 0 32

Editorial "For the Nation-Minded Voter"; reasons to elect Republican Congress * 11 N 36

Electoral campaign climax, contests for attorney general in New York, House and Senate seats, c.p. 18 O 24

Analysis 1954 political situation, fear Democratic victories in congressional and local elections, article by Ernest Haymann, cartoon * 18 O 136

Democrats create furor over Defense Secretary Wilson's remark on dogs and unemployment, Brownson's on waiters and cabinet members * 25 O 36

Scandal charges, other events as election campaigns near climax, Eisenhower's last minute tour * 1 N 20

Editorial "The Campaign Issues—If Any" * 1 N 30

Big vote and close finish in off-election year, Democrats control House and Senate * 15 N 29

Analysis congressional and state elections * 15 N 43

Senate vote on McCarthy displays splits in party, Knowland's anti-administration actions incompatible with leadership * 13 D 32

RETARDED CHILDREN See Mentally handicapped

RETREATS Episcopal nun helps build convent and retreat house in Dallas, d. 29 N 125

REUTHER, WALTER Leads Fair Dealers in blowing up Defense Secretary Wilson's remark on dogs in relation to unemployed * 25 O 28

REYNOLDS, DEBBIE Eddie Fisher's romance with movie star causes teen-age tizzy * 13 S 185

Announces engagement to Eddie Fisher at Beverly Hills party * 8 N 45

RHEAS Long-necked bird at zoo sticks head through door latch hole * 1 N 132

RHEE, SYNGMAN Address to U.S. Congress * 9 Ag 14

RHINO* Vehicle with huge hollow hemispherical wheels travels on land, water, mud, does not tip on slopes, c.p. 30 Ag 40

RHODE ISLAND Hurricane Carol, map 8 40

RHODES, DUSTY Role in Giants' winning World Series 11 O 154

RICKET, BRANCH Explains new mathematical formula for determining what wins baseball games * 2 Ag 78

RIDDLES Rhymes from new Ogden Nash TV quiz show 12 JI 78

RIDES At Chicago's Riverview Park customers whirl upside down in "Flying Cars" attached to rolling drum, c.p. 19 JI 35

RIO GRANDE RIVER Worst flood in history * 12 JI 15

RIOTS Rio rioters defy strong-man rule of President Vargas after assassination attempt on editor and death of companion, car driven by pro-Vargas candidate for alderman set afire * 23 Ag 20

Bloodfest riot at Missouri State Penitentiary * 1 O 34

Athens students riot against American support U.N. decision postponing action on union Greece and Cyprus * 27 D 12

RIVERS Danube flood leaves 75,000 homeless, rescue operations in Germany * 26 JI 32

KLM plane crashes into River Shannon estuary * 20 S 32

RIVERVIEW PARK In Chicago customers whirl upside down in "Flying Cars" attached to rolling drum, c.p. 19 JI 35

ROADS New York State Thruway, first 115-mile stretch open, latest link network superhighways spanning northeast U.S., map 19 JI 75

Bolivia opens 312-mile highway over Andes Mountains * 8 N 63

Real deer illuminated behind luminous sign announcing deer trail on German highway * 22 N 208

Editorial notes U.S. population growth causes serious road shortages * 29 N 22

ROBBERS Ohio police quickly trace robbers after clumsy holdup Savings and Loan Assn. * 1 N 24

ROBINS Male bird flutters frantically trying to save female accidentally hanged by string caught in power lines * 2 Ag 94

ROBINSON, JACK AND JEANNE Late plan to merge carpet into multipurpose area 4 0 52

ROBOTS Kansas science teacher uses homemade robot Magno to teach electronics, other theories to pupils * 13 D 74

ROCKETS See under Munitions

ROCKS Prospect Point cave improves Niagara Falls vista, biggest rock fall yet, d. 9 Ag 18

ROLLER SKATING California skating professionals practice on skates under skis on hillside highway * 10 D 95

ROOMS Young couple exhibits odd cubical structure to provide two living levels in one-room apartment * 11 O 91

ROOSEVELT, FRANKLIN D., JR. Loses nomination for New York governor to Harriman * 20 S 30

Democratic state convention, Harriman, agrees to run for attorney general 4 O 30

Climax campaign for attorney general in New York * 10 O 31

Case campaign for U.S. Senate in New Jersey, Democrats and fellow Republicans opponents * 4 0 32

Editorial "For the Nation-Minded Voter"; reasons to elect Republican Congress * 11 N 36

Electoral campaign climax, contests for attorney general in New York, House and Senate seats, c.p. 18 O 24

Analysis 1954 political situation, fear Democratic victories in congressional and local elections, article by Ernest Haymann, cartoon * 18 O 136

Democrats create furor over Defense Secretary Wilson's remark on dogs and unemployment, Brownson's on waiters and cabinet members * 25 O 36

Scandal charges, other events as election campaigns near climax, Eisenhower's last minute tour * 1 N 20

Editorial "The Campaign Issues—If Any" * 1 N 30

Big vote and close finish in off-election year, Democrats control House and Senate * 15 N 29

Analysis congressional and state elections * 15 N 43

Senate vote on McCarthy displays splits in party, Knowland's anti-administration actions incompatible with leadership * 13 D 32

RETARDED CHILDREN See Mentally handicapped

RETREATS Episcopal nun helps build convent and retreat house in Dallas, d. 29 N 125

REUTHER, WALTER Leads Fair Dealers in blowing up Defense Secretary Wilson's remark on dogs in relation to unemployed * 25 O 28

REYNOLDS, DEBBIE Eddie Fisher's romance with movie star causes teen-age tizzy * 13 S 185

Announces engagement to Eddie Fisher at Beverly Hills party * 8 N 45

RHEAS Long-necked bird at zoo sticks head through door latch hole * 1 N 132

RHEE, SYNGMAN Address to U.S. Congress * 9 Ag 14

RHINO* Vehicle with huge hollow hemispherical wheels travels on land, water, mud, does not tip on slopes, c.p. 30 Ag 40

SAFETY White Plains, N.Y., bicycle safety program * 20 JI 2

New York gets second A.A.A. award for best pedestrian safety record * 1 N 30

Editorial offers warnings for safe driving news cars * 6 D 48

SAILING Crew Chesapeake Bay "log canoe" sailboat sits on boards extended over side to counter balance tippy craft's sail * 9 Ag 51

New York Yacht Club 100 years old, history, today's amateurs and small craft, c.p., d. 30 Ag 54

SAINT, EVA MARIE TV actress stars in movie *On the Waterfront* cov. 19 JI 45

ST. DENIS, RUTH Takes first plunge in professional summer theater * 2 Ag 74

ST. FRANCIS XAVIER Goans in Portuguese colony in India pray to saint as Indian nationalists threaten invasion * 30 Ag 29

ST. GEORGE, UTAH Mormon town, tourist attractions * 6 S 98

ST. IGNATIUS OF LOYOLA Founder Jesuits, *Spiritual Exercises*, v. 11 O 134

ST. JOHN THE DIVINE, CATHEDRAL OF See Churches

ST. JOSEPH Breughel's Christmas paintings, Nativity in Flanders, c.r., 27 D 30

ST. LOUIS, MO. Bad spell of 100° weather, map 26 JI 12

SALADS Seven salads using 29 varied greens, ingredients five basic dressings, recipes, c.p. 10 JI 57

SALESGIRLS American Airlines pilots' strike, stewardesses get jobs at Neiman Marcus * 30 JI 14

SALEWSKI, HELMUT Relationship with Wohlgemuth and wife before Wohlgemuth's desertion to East Berlin Communists * 23 Ag 30

SALIVA Test forecasting sex unborn children uncertain * 20 S 135

SALT LAKE CITY, UTAH Penny uranium stock boom, silly delights map 19 JI 12

SALT LAKE CITY TABERNACLE See Churches

SALVATION ARMY Observes 75th U.S. Christmas, training, charity, rehabilitation alcoholics 27 D 34

SAN ANTONIO, TEX. Pumy fish in Woodland Lake killed by reducing oxygen intake with chemical rotenone in water 15 N 117

SANATORIUMS Trudeau Sanatorium for TB closes, drugs now surpass sanatorium rest cures 20 D 76

SAND SAILING Fylde International Sand Yacht Club races wheeled yachts on Lytham St. Annes beach on Britain's Lancashire coast * 15 N 83

SAN FRANCISCO, CALIF. Eskimo couple visit to stimulate travel to Alaska * 6 D 155

SANKARY, MRS. WANDA Election victory in California, gives birth to baby boy 15 N 34

SANTA BARBARA, CALIF. Construction Tecolote Tunnel water project through Santa Ynez Mountains * 9 Ag 10

SANTA CLAUS Two Santas emerge from New York subway exit together 27 D 80

SANTA YNEZ MOUNTAINS Construction Tecolote Tunnel water project * 9 Ag 10

SARCOPHAGUSES Egyptologist finds beautiful alabaster sarcophagus of unfinished pyramid at Saqqara empty, c.p. 2 Ag 34

SCARSDALE, N. Y. Design sprawling Heathcote grade school fore shadows future schools, clusters of classrooms, d. 15 N 73

SCELBA, MARIO Italy's prime minister one of strongest anti-Communist leaders 30 Ag 102

SCHABERG, KATHY Three-year-old steals show at dancing school recital in Stamford, Conn. 6 D 209

SCHIEIN, MARCEL Shows American Physical Society evidence atomic particle from outer space created greatest burst energy, theory antiproton collision with proton * 19 JI 31

SCHMIDT, DANIEL U.S. airman Red China imprisoned as "spy," family's bleak Thanksgiving 6 D 37

SCHOLARS American Philosophical Society founded by Ben Franklin meets in Phila., grants to scholars 13 D 93

SCHOOLS Teacher's drawings poke fun at familiar scenes * 20 S 16

Foreign relations

Turkey "Peace-loving" exhibit at trade fair, propaganda value 27 S 30

United States Editorial "Agonizing Reappraisal"; strategy identifies H-bomb war with U.S., U.S. should shift alliance emphasis from appeasing powers to smaller but more resolute allies * 12 JI 14

Final volumes Toynbee's *Study of History* see religion deciding whether U.S. or Russia rules coming Universal State * 8 N 36

Editorial "Moscow's 'Genial Reappraisal'; speculations on friendlier policy toward * 2 N 40

RYAN, WALLACE B-47 jet bomber mission 6 D 142

S

lands
atgy
ould
owers
JL 14
y see
ussia
5
al...
2
gram
best
new
sit
nter
story,
pla.
ay to
cation
8
JL 11
See F
ity in
dents
57
resses
before
Com
ertain
lights,
treches
chat-
by re-
phone
s now
6
races-
beach
3
vel to
birth to
project
10
subway
project
sareo
akkara
and fore
class
t anti-
school
vidence
reated
on col-
spies,"
jed by
ents to
scenes

SCHOOL SHORTAGE, housing projects become classrooms, Linda Mar development outside San Francisco, Centereach, L.I., 20 S 63

SEAL Baltimore students demonstrate against Negroes in white schools under nonsegregation ruling; Bowles arouses prejudice in Milford, Del. 11 O 45

Theological students prepare to become Jesuits 11 O 134

MIA FONSSAGRIVES eighth-grade cheerleader, father photographs 25 O 10

Southbury Training School in Conn. model institution for mentally retarded children 25 O 140

Three brothers use airlift, ride basket car from Idaho canyon to top 1 N 81

Design Scarsdale's sprawling Heathcote grade school foreshadows future schools, clusters of classrooms, d. 15 N 73

Cheltenham Ladies' College starts second century, trains English girls 22 N 138

U.S. population growth causes school shortages, examples in Westchester County * 29 N 22

3-year-old girl steals show at dancing school recital in Stamford, Conn. 6 D 209

Science teacher at Hamilton School in Kansas uses homemade robot to teach electronics 13 D 74

Teenagers wear dresses with lively patterns for lively steps at dancing school 13 D 103

Milwaukee students reach midpoint in goal to raise million pennies for addition Pius XI High School 27 D 24

CHROEDER, ANNIESE Shopkeeper's tip West Berlin police ignored might have prevented desertion Otto John to Reds, article by John Dille 23 Ag 36

SCHWEITZER, ALBERT Missionary doctor in French Equatorial Africa wins Nobel Peace Prize, general hospital village, construction leper village 15 N 161

CHWEIBERT, ERWIN Clinax Idaho political campaign for Congress, c.p. 18 O 30

SCIENCE See also individual branches

World We Live In

Part XI: Rain forest in Surinam (Dutch Guiana), tropical lowlands, Life expedition, trees, plants and animals, c.p., c.r., diag., map, cov. 20 S 76

Part XII: Woods of Home, Mettler's Woods in New Jersey, primeval forest, trees, plants and animals, c.p., c.r., map, cov. 8 N 78

Conclusion: Starry Universe, space theories, galaxies, stars and planets, c.p., c.r., charts, diag., cov. 20 D 44

Research Physicist Edward Teller's role in U.S. decision to develop H-bomb despite opposition other high-level scientists, sketch 6 S 60

Three scientists given grants by American Philosophical Society 13 D 94

SCIENCE FICTION 16 outstanding villains interplanetary space on *Captain Video*, oldest TV science fiction show 1-20

CORION E-89D See Aviation—Aircraft—Jet prop.

COFFEE BARBARA ANN Overhead photos at Hollywood Ice Revue released 6 D 192

COLT DESMOND Lee Carter uses blade to bisect apple on head of partner 9 Ag 100

COLPINE RE Ancient Japanese *netsuke* ivory figurines carved from U.S. financier's bizarre doodles 12 O 2

Wire mobile animals decorate gay malls Detroit & Northland shopping centers, c.p. 30 Ag 4

Rare Greek vase reassembled, found in Celio tomb in France, c.p. 13 S 86

Italian dedicate first underwater statue of Christ, shrine for sea divers, 13 S 151

Colossal statue flag-raising on Iwo Jima's Mt. Suribachi in transit from New York to Washington, Marine Corps memorial, d. 20 S 128

Ribald and amusing sculptures on misericords under seat ledges in medieval churches, misericords in U.S. 27 S 79

Oregon rancher to have one-man show of metal animals in New York II O 123

Plastics rods, other industrial products achieve new effects, c.p. 22 N 160

Isabel Cuse Borgatta concentrates on "motherhood" statues during three pregnancies 6 D 161

TA DARTI See Aviation—Aircraft—Jet prop.

TA OF JAPAN Rescued survivors U.S. reconnaissance plane shot down by Russian MiGs 20 S 34

TATS Ribald and amusing sculptures on misericords under seat ledges in medieval churches, misericords in U.S. 27 S 79

TEBO, STEVE New football coach at University of Pennsylvania suffers with undermanned, overscheduled team 22 N 61

SECRETARIES Frightened secretary on first plane flight unaware stopping engine was planned 6 S 2

UTZ TWINS Vivacious twins Tani and Dran in chorus Broadway musical *Fanny*, cov. 29 N 120

TEXAS, VICTOR U.S. Tennis Tournament in Forest Hills, wins men's singles, oldest first-time winner, champion with Doris Hart in mixed doubles 20 S 145

TENTH DAY ADVENTISTS See at Takoma Park, Md. practices three day survival test in woods as they would after atomic bomb attack 22 N 176

SEVERINGHAUS, MRS. LESLIE Accompanies sister Mrs. Moore on tour YWCA branches in nine Asian countries 20 D 91

SEX Saliva test forecasting sex unborn children uncertain 20 S 135

SHAHN, BEN U.S. painter social injustice turns to work of reflective mood, c.r., 4 O 96

SHAKESPEARE, WILLIAM Hamlet enigma at Elsinore, amateur cryptanalyst explores castle for manuscript based on solution inscription cipher on tombstone 9 Ag 81

SHANE, SARA Actress' contract dropped after role in *Magnificent Obsession* 6 S 51

SHAVING American Barber College students practice shaving on painted balloons 16 Ag 10

SHAW, DAVID Pools talent with TV playwrights for NBC *Television Playhouse* 25 O 77

SHAW, MARK Photographs Paris fall fashion collections * 6 S 8

SHEARER, MOIRA On U.S. tour with London's Old Vic Company in *A Midsummer Night's Dream*, c.p. 18 O 92

SHEEHAN, KEVIN Loquacious Irishman in Oldham, Eng. sets nonstop record with speech lasting 127 hours 22 N 129

SHEEP Rabbit named Harvey formerly dwelled in San Francisco bar now shepherds 10 sheep 4 O 75

SHEPPARD, SAMUEL In Cleveland state builds murder case against osteopath, accused of killing pregnant wife, courtroom drawings, d. 22 N 44

Awaits jury's verdict 27 D 12

SHERATON HOTEL CORP. Henderson shops for antique furniture for Hotel Astor, buys San Francisco's Palace 1 N 98

SHILSTONE, ARTHUR Courtroom drawings of murder trial of Dr. Sheppard * 22 N 44

SHIPPINGPORT, PA. Via Denver TV President Eisenhower starts groundbreaking on first commercial atomic power plant for electricity, d. 20 S 141

SHIPS Red Chinese gunboats burn after Nationalist air attack 11 O 38

Aircraft carriers U.S. Seventh Fleet maneuvers in Strait of Formosa 4 O 28

Icebreakers Charting Northwest Passage, *Burton Island*, Northwind and *Labrador*, c.p. 29 N 102

Lighthships South Goodwin founders in storm on shoals Goodwin Sands 13 D 29

Schooners New York Yacht Club 100 years old, races, history, today's amateurs and small craft, c.r., c.p. 30 Ag 54

Tankers New ones built bigger and faster in U.S. and Germany, c.p. 23 Ag 65

Yachts New York Yacht Club, 100 years of yachting, races, history, today's amateurs and small craft, c.r., d. 20 S 70

SOCIALIST PARTY Norman Thomas celebrates 70th birthday * D 61

SOCIETY OF JESUS See Jesuits

SOIL Anhydrous ammonia miraculous nitrogen fertilizer multiplying crop yields, d. 12 Jl 94

SOLDIER FIELD Summertime ski-jumping competition in Chicago, largest artificial ski jump ever built 11 O 95

SOMASCOPE Sonarlike device produces sound-wave portrait diseased internal tissues invisible to X-rays 20 S 71

SONGS See also Gospel Songs *Bunch of Bananas*: new calypso song by Odgen Nash recorded by Jose Ferrer and Rosemary Clooney 12 Jl 77

Manbo fad 20 D 14

SOUND Somascope sonarlike device produces sound-wave portrait diseased internal tissues invisible to X-rays 20 S 71

English pottery maker puts designs on bowls from oscilloscope sound patterns when tapped 22 N 109

SOUTH AFRICA, UNION OF Basutoland retains ancient dignity, spirited children, photos by Haas, c.p., cov. 16 Ag 52

White supremacist Johannes Strydom takes over as premier and Nationalist party boss 20 D 21

SOUTH BEND, ILL. Studebaker workers' vote okay wage cut 23 Ag 20

SOUTHBURY TRAINING SCHOOL See Schools

SOUTH GOODWIN Lightship founders in storm on shoals Goodwin Sands 13 D 29

SPACE American Physical Society shown evidence atomic particle created greatest burst energy, antiproton collision with proton in aluminum wrapping film pack aloft with balloon 19 Jl 31

Starry Universe, solar system, space theories, galaxies, stars and planets, c.p., c.r., charts, diag., cov. 20 D 44

SPACE TRAVEL 16 vihans on *Captain Video*, oldest TV science fiction show 13 S 20

Frenchmen describe flying saucers and outer space creatures seen recently 1 N 28

Astral intruders now reported in Italy, d. 29 N 133

SPAIN Spaniards in Puebla del Caraminal spared from death march with own caskets in gratitude to God, 15 N 103

Debut in Portugal of Infanta Dona Pilar daughter of Don Juan exiled pretender to throne, monarchist propaganda 15 N 194

SPEAR FISHING Second national A.A.U. tournament off Key West 18 O 129

SPECHES Long-winded Texas politician doused with fire hose at rally 19 Jl 17

Loquacious Irishman in Oldham, Eng. sets nonstop record with speech lasting 127 hours 22 N 129

SPLEUNKLING French explorers descend 2,963 feet in cave near Grenoble, new world's record 18 O 43

SPHERES U.S. Weather Bureau scientists make clouds to study rain in old helium tank in Galveston, Tex. 23 Ag 79

SPIES See Espionage

"SPINNING WHEEL" Friars of Capranola near Rome enjoy Yo-Yo like game 25 O 131

SPLENTS Tortoise with broken leg disappears after getting homemade splint 25 O 172

SPOONER, F. ED Reporter's account first great automobile tour 50 years ago 12 Jl 100

SPORTING GIRLS Album 1880 pin-up girls on picture cards exchanged for Duke cigarette coupons, c.r. 26 Jl 2

SPORTS See also individual sport Editorial "One Red Challenge We Should Not Meet"; Russia's mobilization sports for propaganda will probably win 1956 Olympics, U.S. should not forsake ideals and purpose of sports to compete * 2 Ag 24

Michigan band depicts torch bearing runner in 1956 Olympics drive 25 O 47

STACKPOLE, PETER Photographs skin diver's 24-hour underwater marathon off Florida coast * 2 Ag 20

STANDISH, MYLES Saturday night activities of doctor's family 8 N 168

STARS Starry Universe, space theories, Milky Way and other galaxies, c.r., diag., charts, cov. 20 D 44

Instructions and cut-out materials for making Christmas tree star ornament with box of angels within, c.p. 27 D 42

STATUES See also Sculpture George Mohr's book cartoons *Statues* suggests humorous uses, 30 Ag 2

Plastic and steel bull becomes American Hereford Assn. monument atop pylon in Kansas City, Mo. 25 O 34

STEEL VEC's Materials Testing Reactor in Idaho hottest atomic pile, radiation weakens steel * 13 S 70

Editorial "Labor Completes a Revolution": labor-management cooperation as United Steelworkers accept profit system after own acceptance by Big Steel * 4 O 36

STEVENSON, ADLAI Columbia University awards honorary degree at bicentennial rites 15 N 49

STEWART, ELAINE In *The Adventures of Haji Baba*, c.p. 27 S 51

STEWART, JAMES In film *Karn Kindow* 16 Ag 88

STILTS Brussels re-enacts medieval Ommegeang "walk-around" pageant, stilt-walkers 2 Ag 42

Aerobats wear own "Hoppers" aluminum pogo sticks on stilts 9 Ag 2

STOCK MARKET Zoms past historic price peak, Dow-Jones average mirrors investors' confidence, chart 6 D 44

Editorial "How High Is Up For Stocks?", cartoon 20 D 20

STOCKS Salt Lake City, Utah center penny uranium stock boom 19 Jl 12

Wolfson's efforts to seize control Montgomery Ward 6 S 24

Wolfson builder \$231 million business empire hopes to take over Montgomery Ward, methods, article by Herbert Brean 22 N 179

Stock market zooms past historic price peak, Dow-Jones average mirrors investors' confidence, chart 6 D 44

Editorial "How High Is Up For Stocks?", analysis 1954 economy in light of fears Dow-Jones average passing pre-depression level, cartoon 20 D 20

STORAGE WALLS Activity Wall ingenious storage space in converted carport, c.p. 4 O 54

STORES Low-priced, well-designed home furnishings at five-and-dime stores 26 Jl 83

Children given free reign in supermarket to learn preferences 2 Ag 49

Competition department stores and price-cutting discount houses, article by Herbert Brean, d. 9 Ag 52

Photographer's model works in mother's ice cream parlor after hours 9 Ag 69

American Airlines pilots' strike, stewardesses get jobs at Neiman Marcus in Dallas 30 Ag 14

Detroit's shopping center Northland resembles ultra-modern bazaar, wire animals decorate gay malls, c.p. 30 Ag 81

Trader John swaps newlyweds' unwanted presents, Recherche Wedding Gift Basement in Minneapolis home 13 S 108

J. Press New Haven, men's shop home Yale's "Ivy League Look" since 1902 22 N 69

STOVES Solar stove from India 22 N 137

General Electric wall model in color, c.p. 13 D 114

STRANG, SIR WILLIAM Editorial "British Wisdom At Home"; defines realities cold war in maiden speech to House of Lords 6 S 16

STRATTON, GIL, JR. Milwaukee son on TV's *That's My Boy* baseball umpire and sportscaster in private life 23 Ag 45

STRIKES American Airlines pilots' strike, stewardesses get jobs at Neiman Marcus in Dallas 30 Ag 14

STRINGFELLOW, DOUGLAS Utah Representative tearfully confesses "war hero" story false 1 N 20

STRYDOM, JOHANNES White supremacist takes over as premier and Nationalist party boss in South Africa 20

STUDEBAKER CORP.

Workers' vote in South Bend, Ind., okay's wage cut 23 Ag 26
Merger with Packard, auto and truck models 6 S 59

STUNTS

Man soars over Albany, N. Y., in contraption of 600 balloons 20 S 32

STUYVESANT CASINO

Jazz session for late trumpet player "Hot Lips," Page 22 N 153

SUEZ CANAL

British's evacuation paves way for Egypt to join Free World alliance against Commoism 7 N 14

British to pull troops out of Canal Zone, agreement with Egypt, cause of peace gains in Middle East, history, d. 9 Ag 20

SUICIDE

Would-be suicide changes mind at sunset on New York's Manhattan Bridge 30 Ag 21
Mourning ends follow Brazilian President Vargas' suicide in political crisis 6 S 18

SUITES

U.S. full-fashions feature styles made popular by Chanel in Paris 16 Ag 84
"The League Look" suit new male fashion 23 N 69

Air Force Navy experiments with survival suits for future jet flights 6 D 148

SUMMER

Editorial notes strange or silly events and summer in U.S. 7-30 Ag 18

Famous picture mark typical U.S. Sunday in pool of Acapulco, Calif. 6 S 108

SUMMERSKILL, EDITH

Tours Red China with British Labor delegation 20 S 46

SUNS

Moon's shadow aids scientists, astronomers use sunspot edition to study sun's heat, earth's size 7-10 Ag 10

Solar eclipse from India 22 N 337

Starts: University solar system, linkship to nearby galaxies, c.p., c.t., diag. 20 D 44

SUNDERMEIER, EILEEN

Montana boy could live anywhere, travel makes at hospital clinic 18 O 122

SUPERMARKETS See Stores**SURGERY**

High-risk刀-and-spoon method, operation involves microsurgery to child, d. 1 N 43

Cancer can "heal" radioactive gold bullets, info 20 S 59

SUTERNAIR DUETT GUINAE

Rehearsals, tropical, Indian, tour, expeditors, press agents and arrangers, c.p., c.t., diag. 20 S 63

SWAMPS

Waste brought in mystery Geneva's Okemahaw sewage pits, fluoridation in pickle, r. 20 S 380

SWAPPING

Leader John swaps "newswives" unwanted girls into Minnesota home 15 S 108

SWATTERS

Household items, p. 12 H 64

SWIMMING

See also: Diving
500 champion at Houston, Tex., swimming solo, party dress to match loose with hands 16 Ag 106

Breakfast: Marilyn Bell Canada's heroine, tv, swim, fabulous 20% after swimming Lake Ontario 25 S 63

SYAMALUGA, ALA

Mystic Indian woman in home 13 D 26

SYNAGOGES

Lead, celebrating 300 years in U.S., history, c.t., diag. 20 S 70

SYRIA

Editorial: "Chairman in Damascus"; U.S. uses showboats, Russia's exhibit at trade fair, Germany showing * 27 S 22

T

TABERRE, WILLIAM

In medical Picnic 20 N 117

TAUCHI, SERGIO

Paleontologist, Italian expert in Florence ages furniture overnight * 25 O 91

TAUMANOV, MARK

Soviet officials' anxiety during Russian chess expert's play against U.S. champion 12 Jl 26

TAKOMA PARK, MD.

Seventh Day Adventists practice three day survival as they would after A-bomb attack 22 N 176

TALAMANCA MOUNTAINS

Costa Rican charcoal makers in foggy forest 8 N 36

TALKING

Long-winded Texas politician doused with fire hose at rally 19 Jl 17
Loquacious Irishman in Oldham, Eng., sets nonstop record with speech lasting 127 hours 22 N 129

TANGANYIKA

Long-sought skull of hero Chief Mkwawa returned to Hehe tribesmen, d. 13 D 87

TANKERS See under Ships**TASHAYS** See Toupees**TATI, JACQUES**

Writer, director and star French comedy *Mr. Hulot's Holiday* 5 Jl 37

TAXATION

Brooklyn movie theater operator protests new 5% admission tax, chromed penny campaign, Treasury crackdown, kids' chemically-plated counterfeit pennies in coin roundup 2 Ag 29
Editorial: "A Beginning In Washington"; new tax law, gains for business and individuals 16 Ag 26

TEACHERS

Texan woman elected president National Education Assn. at N.Y. convention 12 Jl 85
Play with model planes and gliders during course to prepare for pupils' interest in aviation 16 Ag 44
Mrs. Margery Brown's drawings poke fun at school scenes 20 S 16

West Hartford, Conn., greets new teachers with parties and presents to keep them 27 S 111
Kansas science teacher uses homemade robot to teach electronics 13 D 74

TEAL, JOHN, JR.

Expedition rounds up musk oxen in Canadian Arctic to breed in U.S. 27 S 127

TECOLOTE TUNNEL

Construction water project through Santa Ynez Mountains to Santa Barbara, Calif. 9 Ag 10

TELEVISION

Heads of Allentown, Pa.'s first station climb 460-foot tower for champagne christening 2 Ag 22
Oklahoma's 1,572-foot tower nears completion, man's tallest structure 20 S 163
Via Denver TV: Eisenhower starts ground-breaking on first commercial atomic power plant for electricity in Shippingport, Pa. 20 S 141

Actors and Actresses

Jayne and Audrey Meadows share results separate careers 3 Jl 57
TV Actress Eva Marie Saint stars with Brando in movie *On the Waterfront*, cov. 19 Jl 45

Gil Stratton milquetoast son on *That's My Boy* baseball umpire and sportscaster in private life 23 Ag 45

Sid Caesar and Eugene Coca go it alone 18 O 37

George Gobel comedy success, easy-going style, sketch 27 D 69

Playwrights

Six TV playwrights package talents for NBC *Television Playhouse*, Playwrights '54 28 0 77

Programs

Color shows: *Danger*, play *The Royal Family*, *Tales of the Gods*; NBC spectacular *Satin and Spots*, Judy Holliday, c.p., cov. 22 N 133

Invitation, ballet dancers represent chromosomes, illustrate genetics 8 N 57

Baby Show, Hope film shows abroad with Chevalier and Bea Lillie 6 D 121

Caesar's Hour, Sid Caesar goes it alone 18 O 57

Captain Video, 16-year-olds interplanetary space on oldest TV science fiction show 13 S 20

Danger, color telecast, c.p. 22 N 116

Garry Moore Show, couple receives \$7,000 in nickels after wife appears on show 27 S 119

Jackie Gleason Show, easy-going style of comedy success 27 D 69

Julie London Show, sketches of rehearsal for *Life* assignment shortly before Marsh's death, d. 26 Jl 47

Mystic, rev. 11 O 73

Smashups, musicians stand on giant sheet of music, replica first page Beethoven's *Fifth Symphony* 29 N 16; *Giraudoux's The Fortune Teller*, rev. 13 D 117

Out on the Farm, series from Illinois farm, rev. 2 Ag 38

Red Skelton Show, antics of dancer-bit player's children backstage at rehearsal 16 Ag 48

Riddle in Rhyme, preview Ogden Nash's rhyme quiz 12 Jl 78

Television Playhouse, six TV playwrights package talents for NBC show 25 O 77

That's My Boy, milquetoast Gil Stratton baseball umpire and sportscaster in private life 23 Ag 45

Cast of the Eden, color telecast, c.p., cov. 22 N 113

S. Steel Hour, three musicians create impression here playing violin 11 O 133

TEN MILLION AMERICANS MOBILIZING FOR JUSTICE

Pro-McCarthy organization seeks petition signatures against Senate censure 29 N 37

McCarthy's supporters collect over two million anti-censure signatures 13 D 37

TELEVISION

Londoners line up to see excavated ruin Roman temple 11 O 53

TEN MILLION AMERICANS MOBILIZING FOR JUSTICE

Pro-McCarthy organization seeks petition signatures against Senate censure 29 N 37

McCarthy's supporters collect over two million anti-censure signatures 13 D 37

TELEVISION

Young Dr. Meek begins practice in Clear Fork Valley under new Medical Foundation's rural plan 29 N 71

TENNIS

Girl's face framed by racket at Wimbledon resembles ghostly mirage 19 Jl 100

Maureen Connolly in hospital after fall from horse, unable to defend title at Forest Hills, horses brought romance with Norman Brinker 2 Ag 30

U.S. Lawn Tennis Assn. has 13 young players under coaching by Kramer to regain world supremacy from Australia 6 S 86

Oldtimers star in Forest Hills Tournament, Sevastian wins singles, oldest first-time winner, Doris Hart women's champion, co-champions in mixed doubles 20 S 145

TENTS

Tent-stored grain in Texas, low-cost solution for storing annual crop surplus 23 Ag 20

TERESA, SISTER

Episcopal nun helps build convent and retreat house in Dallas 29 N 125

TESTS

Saliva test forecasting sex unborn children uncertain 20 S 135

Jet Age Man, Air Force-Navy experiments for future flights, life-saving and time-saving devices, cov. 6 D 148

TEXAS

Governor Shivers and Yarborough campaign for runoff gubernatorial primary 30 Ag 22

Farmer landowners in panhandle watch at test well as salt water comes in before oil 27 S 45

Houston and Harris County in biggest dog vaccination drive to combat rabies 11 O 127

THANKSGIVING

Editorial: "Thanksgiving and Plenty;" difference

Pilgrims' Thanksgiving and our own, U.S. must lead international economic system to spread Age of Plenty * 29 N 22

Editorial: "A Beginning In Washington"; new tax law, gains for business and individuals 16 Ag 26

TEACHERS

Texas woman elected president National Education Assn. at N.Y. convention 12 Jl 85
Play with model planes and gliders during course to prepare for pupils' interest in aviation 16 Ag 44

Mrs. Margery Brown's drawings poke fun at school scenes 20 S 16

THAYER, CHARLES

Article on escaped MVD Colonel Burlatski's description genocide and terrorism in Russia * 5 Jl 69

THEATER

Flourishing summer theaters, personalities, new faces, cov. 2 Ag 71
Arabian Nights, summer theater musical at Jones Beach, L.I., cov. 2 Ag 72

Boy Friend: British import on Broadway, rev. 25 O 113

Cretan Woman, hotel restaurant hostess Jacqueline Brookes in off-Broadway production, rev. 13 S 142

Dear Charles, rev. 4 O 105

Funny, Florene Henderson enjoys home town reunion before chance in Broadway show 20 S 169; rev., cov. 29 N 117

Flowering Peach: Clifford Odets coaches performers in own play 22 N 76

Hamlet: amateur cryptanalyst explores Elsinore for manuscript based on solution inscription cipher on Shakespeare's tombstone 9 Ag 81

Midsummer Night's Dream: London's Old Vic Company tours U. S., airlift scenery, c.p. 18 O 93

Pajama Game: cast has treasure hunt on island in Long Island Sound 23 Ag 106

Peter Pan: rev. 8 N 109

Rainmaker: rev. 15 N 143

Royal Family: CBS color te'cast, c.p. 22 N 118

Satin and Spurs: NBC TV spectacular, c.p. 22 N 116

Virtuous Island: on TV's *Omnibus*, rev. 13 D 117

Actors and Actresses

Hotel restaurant hostess Jacqueline Brookes shines in off-Broadway production *The Cretan Woman* 13 S 142

PLAYWRIGHTS

World of Sean O'Casey, Dublin mirrors past, home in England, sketch 26 Jl 68

THEATERS

Brooklyn movie-theater operator protests new 5% admission tax, chromed penny campaign, Treasury crackdown, kids' counterfeit pennies in roundup 2 Ag 29

THEATRERON

Radiation machine treats cancer 12 Jl 59

THOMAS, J. PARNEY

Former Red hunting congressman describes prison term at Danbury, Conn., Communist jailmates he helped convict, reform suggestions, d. 4 O 138

THOMAS, NORMAN

Socialist celebrates 70th birthday 6 D 61

THORNE, MONTGOMERY WARD

Inquest into mysterious death mail-order heir 19 Jl 22

TICKET-FIXING RACKET See *Graft***TIGER BALM KING** See *Aw Boon Haw***TIGERS**

Tiger in Marilyn Maxwell's Las Vegas night-club act gashes actress' foot in swimming pool 6 S 22

TISSUES

Stereoscope sonarlike device produces sound-wave portrait diseased internal tissues invisible to X-rays 20 S 71

TOGLIATTI, PALMIRO

Leader Italy's powerful Communist Party, "state-within-a-state" organization, career, article by Emmet Hughes 30 Ag 92

TOLLEFSON, THOR

Congressional campaign in Tacoma, Wash., leads parade, cov. 18 O 23

TOPICS

Egyptologist finds beautiful alabaster sarcophagus of unfinished pyramid at Sakkara empty, c.p. 2 Ag 34

Rare Grecian vase reassembled, urn in Celtic tomb in France 13 S 86

Film *Land of the Pharaohs* recreates great era in Egypt's history, building tomb of Pharaoh Khufu (Cheops) 20 S 23

TOMBSTONES

Amateur cryptanalyst interprets inscription cipher on Shakespeare's tombstone for clue to location *Hamlet* manuscript at Elsinore * 9 Ag 88

Sari Dienes makes shadowy prints from carvings on old tombstones 13 N 133

TOQUEVILLE, UTAH

Mormon town 6 S 92

TORNADOES

Waterspout a tornado over water whirls toward Florida beach from Gulf of Mexico, c.p. 18 O 162

TORTOISES

Pet with broken leg disappears after getting homemade splint and mobile crutch 25 O 172

TOUPES

Louis Feder's improved hair pieces (*Tashays*), article by Robert Wallace 6 D 75

TOYNBEE, ARNOLD J.

Editorial: "Toynbee and the Future;" views in final volumes *Study of History* 8 N 36

Closing section *Study of History* acknowledges people, places, other factors which shaped mind, article by Henry Grunwald 29 N 87

TOYS

<p

WASHINGTON STATE

Tollison's congressional campaign Tacoma parade, cov. 18 O 23
Torchlit boats on Seattle lake aid Democrat Mitchell's campaign, c.p. 18 O 28

WASHINGTON, D. C.

Bronze statue flag-raising on Iwo Jima's Mt. Suribachi new Marine Memorial, d. 20 S 128
Splendor foreign embassies and diplomatic community, c.p. 27 S 102
Record sum raised for National Symphony Orchestra at ball, Chinese auction 13 D 153

WASHINGTON, UNIVERSITY OF

Kappa Sigma's four poster pajama party 22 N 20
Students fight up new dorm in Seattle with giant WU for homecoming football game, c.p. 29 N 52

WASHINGTON STATE COLLEGE

University of Idaho finally beats football teams' fans like in celebration 15 N 68
WATER

Long-winded Texas politician donned 40' sail 19 H 17
Construction Teedote Tunnel water project through Santa Ynez Mountains to Santa Barbara, Calif. 9 Ag 10
Four-still hot water truck drivers photographed to resemble madman's world 1 N 10

WATER SKIING

Man on water skis held aloft by giant kite does 10 feet above water 3 H 96
Bonne and Rosenberg tie for world's record with 104 and 102-foot runs at National Championships 30 Ag 44

WATERSPORTS

Tornado over water whirls toward Florida beach from Gulf of Mexico, c.p. 18 O 162
WATKINS, ARTHUR
Committee begins investigating seizure charges against Senator McCarthy, d. 17 S 53
Chairman Senate Committee recommending reseizure McCarthy, sketch article by Harry Johnson 4 O 41

WATSON, SAM

From Red China with British Labor delegation 20 S 27

WEAVER

St. Louis' Kite Building won after year without rain 19 H 26
Metronet has had spell of 100 weather maps 20 D 2

The first aerogelates severest Midwest drought farmer watches grasshoppers chew withered cornstalks 2 Ag 22

F. S. Weather Bureau scientists make clouds in laboratory to study nature's rain-making processes 21 Ag 29

Hurricane Carol hits Long Island and New England, map 13 S 32
Cager Commando walking against Hurricane Edouard 7 S 12

Industrial meteorology, weather reports for private individuals and companies, article by Herbert Brein 4 O 83

Waterfront whirls toward Florida beach from Gulf of Mexico, c.p. 18 O 162
Drowned kitten during Hurricane Hazel 23 O 29

Hurricane Hazel's destruction Haiti to Hudson Bay, map 23 O 30

Cloudburst causes terrible destruction in Salerno, Italy, mass burial 8 N 30

Lighthship *South Gorda* founders in storm on fatal shoals of Goodwin Sands 13 D 26

WEAVER, TOM

Aerobics wearing "Hoppers" pogo sticks on stilts 9 Ag 2

WEBB, HOWARD

Teaches Houston Youth Symphony Orchestra youngsters to conduct with mirrors 26 M 63

WEBB, JACK

Makes movie version TV's *Dragon* 30 Ag 50

WEDDINGS

Three daughters Peru's envoy to Canada marry in triple ceremony 19 Jl 96
California Governor Knight marries Virginia Carlson 16 Ag 41
Deaf couple wed in London 29 N 56
Life's Japanese cover girl who became movie star marries nisei in Japan 6 D 111

"WEFEEY" (ARTHUR FELLIG)

Photographer creates satirical partial portraits with mirror, special lens 29 N 10

WEIGHT

Annelia weighed, growth measured in study of how size affects cell division 25 O 109

WEIGHT LIFTING

300-pound champion at British Empire Games 16 Ag 22

WELBERT, CHARLES

Saliva test forecasting sex unborn children uncertain 20 S 135

WELCH, JOSEPH

Army counsel's impressions real lessons Army McCarthy hearings, cov. 26 Jl 96

WELLESLEY COLLEGE

Wiwan Worawan daughter of Thailand Prince diplomat returns to school after summer as U.N. guide, 4 O 111

WEST BRANCH, IOWA

Herbert Hoover returns to birthplace for 80th birthday 23 Ag 29

WEST HARTFORD, CONN.

Town greets new school teachers with parties and presents 27 S 111

WEST POINT

Army-Navy football games, Navy wins 27-20 6 D 40
Organist Frederick Mayer forced to retire at 72 27 D 23

WHALES

70-foot whale steals summer show at Jones Beach, cov. 2 Ag 73
Movie model Moby Dick missing in Irish Sea 22 N 52

WHISKEY

Bourbon-filled warehouse burns in Pekin, Ill. 16 Ag 30

WHITE, PLAINS, N. Y.

Bicycle safety program 5 Jl 2

WIGGS

Louis Feder's improved toupees (Tashays), article by Robert Wallace 6 D 75

WILKINSON, BUD

University of Oklahoma football coach, newest tactic for quarterback and halfback 20 S 111

WILLIAMS, DAVID

Father's 365 photos show first year 22 N 16

WILLIAMSON, DIANNE

14-year-old wins women's trapshooting championship 13 S 81

WILKIE, WENDELL

Former Soviet agent tells how Russians deceived on 1942 visit * 6 D 178

WILSON, CHARLES E.

Editorial, Fair Dealers blow up Defense Secretary's remark on dogs in relation to unemployed * 25 O 28

Democrats create furor over Defense Secretary's remark on dogs and unemployment 25 O 36

WINDOWS

University of Washington students light new dorm with giant WU for football game, c.p. 29 N 52

WINES

French Premier Mendes France's antialcohol decrees, higher taxes, curbs drinking in cafes, cartoon 6 D 67

WING COMMANDER

Top U.S. show horse, c.p. 4 O 123

WINSTON-SALEM, N. C.

Moravian town Old Salem, drive to restore 25 O 166

WINTER, VINCENT

Britain's new 3-year-old star watching his film *The Little Kidnappers* 13 S 103

WIRE

"Haywire" women's accessories 26 Jl 110

WIWAN WORAWAN

Daughter of Thailand Prince-diplomat returns to Wellesley after summer as U.N. guide, cov. 4 O 111

WOHLGEMUTH, WOLFGANG

Desertion to East Berlin Communists 23 Ag 30

WOLF FAMILY

Gag photo on annual Christmas card records growth since 1937 20 D 6

WOLESON, LOUIS

Attempt gain Montgomery Ward control, career 6 S 24

\$231 million business empire, hopes to take over Montgomery Ward, sketch, article by Herbert Brein, d. 22 N 179

WOLTMAN, FREDERICK E.

Newspaper expert on U.S. Communism analyzes McCarthy investigations * 26 Jl 20

WOMEN

Aviatrix Jacqueline Cochran describes life 16 Ag 92

Saliva test forecasting sex unborn children uncertain 20 S 135

Operation joins mother's bloodstream to child for heart operaton, d. 1 N 43

University of New Mexico coeds fit into plywood body cutout in "Miss Venus" contest 8 N 103

Tribute to *Vogue*'s Edna Chase on publication *Always in Vogue* 8 N 123

Meteorite injures woman in home 13 D 26

Den Mother in Cub Scouts 13 D 121

YWCA foreign division chairman and sister tour Asia 20 D 91

Borneo

Newspapers row over photos Britain's Commissioner General with bare-breasted women 29 N 24

Brazil

Richest beautiful women in Rio 1 N 108

Germany

Shopkeeper's tip might have prevented desertion Otto John to East Berlin Reds, article by John Dille 23 Ag 30

Japan

Life's Japanese cover girl who became movie star marries nisei 6 D 111

Pakistan

Widow of first prime minister first Moslem woman ambassador, envoy to Netherlands 25 O 102

WOOD CARVINGS

Ribald and amusing sculptures on misericords under seat ledges in medieval churches, misericords in U.S. 27 S 79

WOODCHUCKS

Pet named Woody eats popsicles, other antics 13 S 93

WOODCUTS

U.S. revival, low prices and use of color, Frasconi and *Sunrise-Fulton Fish Market*, c.r. 18 O 84

WOODLAWN LAKE

San Antonio, Texas uses rotenone to kill puny fish 15 N 117

WORKSHOPS

Job training for mentally retarded children 25 O 138

WORLD

World We Live In:

Part XI: Rain Forest, c.p., c.r., diag., map, cov. 20 S 76

Part XII: Mettler's Woods in New Jersey, c.p., c.r., map, cov. 8 N 78

Conclusion: Starry Universe, c.p., c.r., charts, diag., cov. 20 D 44

WORLD COUNCIL OF CHURCHES

Second assembly in Evanston, Ill., works for Christian unity 30 Ag 6

Second assembly near end, new presidents 6 S 79

Editorial "A Path to Peace Through Prayer": Evanston meeting fosters Christianity to halt Communism and H-bomb destruction, Eisenhower urges worldwide prayer * 13 S 48

Z**ZALLINGER, RUDOLPH F.**

Paintings of rain forest * 20 S 76
Life expedition to Surinam (Dutch Guiana) for research on rain forest 20 S 1

ZECKENDORF, WILLIAM

Hilton defeats for control Statler chain 16 Ag 33

ZOOS

Giant pangolin at Fort Worth, Tex., z. 9 Ag 43
Gorilla at St. Louis zoo may become nation's No. 1 ape 18 O 107

Chimpanzee's comedy act as smiling pianist 18 O 107

Liberchimp at St. Louis zoo 18 O 124

Affectionate llama at Chicago zoo contrast to ill-tempered mother 13 D 83

X

X-RAYS

New X-ray microscope reveals structure tiny insects, plants, metals, diag. 13 S 157

YACHTING

New York Yacht Club 100 years old, races today's amateurs and small craft, d. c.p., c.r. 30 Ag 54

YANGTZE RIVER

U.S. should send food surplus to famine victims worst flood, 1947 U.S. plans for dam * 23 Ag 26

YARBOROUGH, RALPH

Campaigns against Texas Governor Shivers for runoff gubernatorial primary 30 Ag 22

YATES, EUGENE

Controversy Dixon-Yates plan for construction electric power plant for AEC, opponents claim plan attempts to halt TVA 8 N 34

YOSHIDA, SHIGERU

Japanese Diet opens, coalition deposes premier, installs Hatoyama 20 D 22

YOUNG WOMEN'S CHRISTIAN ASSN.

Foreign division chairman Elisabeth Moore and sister tour branches in nine Asian countries 20 D 91

YOUTH

Members Houston Youth Symphony learn to conduct with aid of mirrors 26 Jl 63

Four Brooklyn boys arrested for beatings and two killings 30 Ag 16

20-year-old German girl gets University of Illinois degree in year 6 S 44

Eddie Fisher's romance with Debbie Reynolds causes teen-age fizzy 13 S 185

Big Ten look and way of life at Midwest colleges, c.p., cov. 25 O 95

Girls wear lively-patterned dresses doing new steps at dancing school 13 D 103

Canada

Marilyn Bell receives fabulous gifts after swimming Lake Ontario 27 S 63

Great Britain

Cheltenham Ladies' College 22 N 138

Thailand

Wiwan Worawan daughter of Thailand Prince-diplomat returns to Wellesley after summer as U.N. guide, cov. 4 O 111

YUGOSLAVIA

Trieste celebrates settlement disputed zone 18 O 36

YUMA, ARIZ.

Hot-rollers build special cars to race over desert sand dunes 19 Jl 53

54
er,
The
ells
in y
es,
-p.
vict
n *
ers
22
ion
ents
ier,
and
ries
to
and
of
olds
west
new
after
ince
mer
e 18
over
ana)
a 16
g 43
on's
anist
124
st to